

# Prashant Singh

## Full Stack Software Engineer

📍 Bethlehem, PA 18015  
📞 +1 786-261-2030  
✉ [mrprashantsingh1998@gmail.com](mailto:mrprashantsingh1998@gmail.com)  
in [linkedin.com/in/prashant-singh-150211202](https://www.linkedin.com/in/prashant-singh-150211202)  
🌐 [prashantsingh98.com.np](https://prashantsingh98.com.np)

## Summary

I am a software engineer with over 8 years of experience in building mobile and web applications for multiple platforms for **frontend** and **backend**, including iOS, Android, Linux, and web. I have led projects as a project lead and worked with languages like Python, C, C++, C#, Dart, JavaScript, and Java. I have expertise in managing databases (SQL, NoSQL, GraphQL), deploying apps on Google Play Store and App Store, and using cloud services (AWS, Azure). Proficient in Git, CI/CD pipelines, and version control to ensure seamless development and deployment.

## Work Experience

### Software Manager & Developer

10/2024 - Present

TIGON GOLF CARTS, HATFIELD, PA

- Successfully led the design and delivery of a **Document Management System (DMS)**, streamlining operations and improving workflow efficiency by coordinating cross-functional teams and managing project deliverables.
- Conducted **project risk identification** and implemented mitigation strategies, ensuring seamless communication with stakeholders to resolve technical and operational challenges.
- Managed **production schedules**, resource allocation, and project tracking using tools like **Excel**, **ERP systems**, and Agile methodologies to ensure timely milestones and deliverables.
- Led **cross-functional collaboration** between engineering, operations, and procurement teams, ensuring alignment with business goals and smooth execution of project initiatives.
- Developed and implemented **CI/CD pipelines** with GitHub Actions and Docker to automate the software development lifecycle, reducing manual processes and accelerating release timelines.
- Designed and developed the **DMS frontend** using Flutter and **backend architecture** with Node.js/Express, ensuring scalability, reliability, and high performance.
- Deployed backend systems on **AWS**, optimizing infrastructure scaling for production environments to ensure security, performance, and high availability.
- Implemented comprehensive **unit testing** and debugging strategies to maintain code quality, reliability, and performance while managing version control with Git.
- Integrated **state management solutions** like Provider and BLoC to enhance app scalability, maintainability, and ensure a seamless user experience.
- Built **dynamic features** such as a real-time website builder, enabling interactive frontend customization and content management to meet diverse business needs.
- Mentored and guided **junior developers**, fostering a collaborative environment, promoting best practices, and driving team productivity for successful project delivery.

### Software Engineer

06/2024 - 09/2024

JP Morgan Chase & Co., MIAMI, FL

- Integrated stock price data feeds using JPMorgan Chase & Co. frameworks to deliver real-time market insights.
- Developed interactive visualizations for traders, improving decision-making and analysis efficiency.

### Full-Stack Technical Solutions Developer (Hybrid)

03/2018 - 08/2024

EVOLVING TECHNOLOGY, AUSTRALIA & KTM

- Led and managed cross-functional teams of 25+ members**, overseeing projects from concept to deployment, fostering collaboration, and ensuring **100% on-time delivery** of solutions aligned with business objectives.
- Coordinated software development programs** across global teams, driving **20% process improvements**, managing project risks, and ensuring the seamless execution of technical deliverables.
- Collaborated with stakeholders and cross-functional teams** to define project goals, align solutions with business needs, and deliver **measurable outcomes, resulting in 30% increased operational efficiency**.
- Presented innovative **technical solutions** at industry events, strengthening client relationships, driving stakeholder confidence, and showcasing expertise that led to a **15% increase in project acquisition**.
- Implemented **scalable workflows** by automating build, test, and deployment processes using **CI/CD pipelines**, GitHub Actions, and Docker, reducing deployment time by **40%** and improving team productivity.
- Designed and delivered **custom software solutions** using **Flutter**, **Node.js**, **Django**, and **Laravel**, improving **workflow efficiency by 25%** for diverse business operations.
- Built and maintained **cross-platform mobile applications** (Android/iOS) for **B2B, B2C, LMS, HR systems**, and **ride-sharing platforms**, integrating dynamic features like **QR scanning**, **interactive maps**, and **cloud solutions** for **10,000+ users**.
- Optimized **UI/UX designs** with Flutter and React Native, creating **responsive, user-friendly interfaces** that enhanced user satisfaction, increasing engagement metrics by **35%**.
- Integrated advanced **authentication mechanisms** (JWT, OAuth, and multi-factor authentication), ensuring **robust security** and safeguarding **100% of user data**.
- Enhanced **database performance** with MySQL and MongoDB, optimizing queries to reduce latency by **50%** and improve data processing efficiency.
- Published and maintained applications on **Google Play Store** and the **App Store**, achieving **100% compliance** with platform standards and gaining multiple **downloads** within the first release cycle.
- Mentored and guided teams of 10+ junior developers**, fostering team growth, promoting best practices, and increasing team productivity by **20%** through continuous learning and development initiatives.

### Software Engineer

02/2017 - 02/2018

Bhotahiti, Kathmandu, NP

- Led **cross-functional teams** to enhance and optimize websites and CRM systems, delivering timely updates and feature enhancements aligned with client requirements.
- Integrated **secure authentication mechanisms**, including **JWT** and **OAuth**, to strengthen application security and ensure user data protection.
- Implemented **push notification systems** to improve user engagement and enable seamless real-time communication across mobile and web platforms.
- Managed and optimized **MySQL** and **MongoDB** databases, enhancing query performance, data storage efficiency, and overall system reliability.
- Customized and deployed websites using **WordPress**, **HTML**, and **CSS**, ensuring smooth operations, maintenance, and deployment management through **cPanel**.
- Led a **data entry team**, ensuring data accuracy, streamlining processes, and driving consistent on-time project deliveries.
- Optimized websites for **SEO** and **performance scalability**, improving user acquisition, engagement, and system responsiveness.
- Implemented **website performance enhancements**, including plugin management, tuning, and security updates, to maintain high availability, reliability, and scalability.

Education

Masters in Information and Technology  
ATLANTIS UNIVERSITY, MIAMI, FL (CGPA: 4)  
Achievements:

01/2023 - 08/2024

- **Vice President of Student Life Organization:** Led initiatives to support IT students with coursework and administrative tasks, while organizing seminars to foster technical knowledge, collaboration, and professional growth.
- Assisted professors in **developing and deploying internal college display boards** using **Python and Raspberry Pi**, enhancing campus-wide communication and streamlining information sharing.

Bachelors in Electronics & Communication Engineering  
WESTERN REGIONAL CAMPUS, POKHARA, NP  
Achievements:

08/2015 - 12/2021

- **Programmer for Robotics Club:** Developed automation solutions through coding projects, enhancing technical proficiency and problem-solving skills.
- **President of College NGO:** Successfully led a team to organize fundraising initiatives, delivering impactful contributions to community-focused charity programs.
- **Author and Publisher:** Designed and published a **C Programming book**, managing content creation, printing, and distribution to the college library, providing valuable learning resources for students.

Projects

WordPress Theme and Plugin Development Platform  
PluginOcean.com

- **Created employment opportunities for 5+ developers**, leading and managing a skilled team to deliver high-quality WordPress themes and plugins.
- Successfully **managed end-to-end project lifecycles**, ensuring on-time delivery, performance optimization, and alignment with client needs.
- Spearheaded **SEO strategies** and optimized website content, increasing user traffic, visibility, and engagement.
- Designed and executed **marketing campaigns**, driving sales growth and brand awareness through targeted outreach and promotions.
- Oversaw **technical implementations** and platform scalability, ensuring seamless user experiences and streamlined operations.
- Fostered **collaboration across teams**, improving workflows and delivering products that met business goals and customer satisfaction.

E-commerce Website Development and Management

Alinepa.com

- **Designed and developed the complete E-commerce platform**, implementing robust **front-end and back-end solutions** to deliver a seamless shopping experience.
- **Led and managed a team of 10+ members**, including delivery drivers, vendors, and developers, ensuring smooth operations, timely deliveries, and efficient collaboration.
- Successfully **coordinated project milestones**, aligning business objectives with technical deliverables to achieve on-time project completion.
- Integrated **scalable backend systems** to manage inventory, vendor management, and order fulfillment while ensuring high system performance and reliability.
- **Streamlined workflows** across cross-functional teams to optimize operations, improving efficiency and customer satisfaction.
- Implemented secure payment gateways, **push notifications**, and advanced **data reporting**, enhancing user engagement and platform usability.

Multi-Platform Application Development

- **Led and managed teams** in the development of **ride-sharing applications, vendor and delivery management systems, and B2B/B2C E-commerce platforms** for mobile and web, ensuring seamless execution and timely delivery.
- Oversaw **end-to-end project lifecycle**, from concept, design, and development to deployment, aligning technical deliverables with business objectives.
- Implemented **scalable backend solutions** using Node.js and Django, integrated REST APIs, and ensured efficient data flow across systems.
- **Managed cross-functional teams** of developers, vendors, and delivery stakeholders, fostering collaboration and driving operational efficiency.
- Delivered high-performance mobile apps (Android/iOS) and web platforms with **interactive UI/UX**, optimized workflows, and state-of-the-art features like **push notifications and real-time tracking**.
- Utilized CI/CD pipelines, version control (Git), and agile methodologies to streamline development, testing, and deployment processes.

Skills

Soft Skills:

- **Leadership & Team Management:** Led cross-functional teams of 10+ members, ensuring successful project delivery.
- **Communication:** Clear stakeholder communication and effective team coordination.
- **Problem-Solving & Critical Thinking:** Resolved challenges with strategic, data-driven solutions.
- **Time Management:** Balanced multiple projects and met tight deadlines efficiently.
- **Collaboration & Adaptability:** Worked seamlessly with teams and adapted to evolving requirements.
- **Mentoring:** Guided junior developers, promoting best practices and growth.
- **Decision-Making:** Made sound decisions to drive project progress and resolve issues.
- **Creativity:** Designed innovative solutions to enhance project outcomes.

Technical Skills:

- **Programming & Development:** Flutter, Dart, SwiftUI, Node.js, Django (Python), .NET, Flask, C/C++/C#, RESTful APIs, Kotlin, PyGame
- **Cloud & Infrastructure:** AWS (EC2, S3, RDS, Location Services), Azure DevOps, Cloud Deployment, Docker, CI/CD Pipelines, GitHub Actions
- **Project Management Tools:** Jira, SAP, ERP/MRP Systems, Excel (Advanced with Macros), Agile & Scrum Methodologies
- **Databases:** MySQL, MongoDB, GraphQL, cPanel
- **Security:** JWT, OAuth, Secure Authentication Mechanisms
- **Version Control:** Git, GitHub
- **State Management:** Provider, BLoC
- **Web Technologies:** HTML5, CSS, JavaScript, WordPress, cPanel Management, SEO Optimization
- **Mobile Development:** Android, iOS, Web (Cross-platform using Flutter), App Store & Play Store Deployment
- **Testing & Debugging:** Unit Testing, Performance Optimization, Troubleshooting
- **Other Tools:** Excel Reporting & Analytics, Raspberry Pi, AirWatch, SaaS Solutions

Languages

- **English:** Proficient
- **Nepali:** Native
- **Hindi:** Fluent
- **Spanish:** Beginner

References

Available upon request