

KAILASH KUMAR AMAN

Software Engineer | Full Stack Developer

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LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

BCA graduate and Software Engineer with hands-on experience building full-stack web applications using JavaScript, TypeScript, React, Next.js, Node.js, Express.js, REST APIs, PostgreSQL, Prisma ORM, Firebase, and Git. Academic exposure to Java and Python, with practical experience in software development, debugging, testing, database operations, authentication, API integration, and application deployment. Strong problem-solving foundation with an interest in reliable, scalable, and maintainable software systems.

TECHNICAL SKILLS

Programming: Java (Academic), Python (Coursework/Certification), JavaScript, TypeScript, PHP, HTML5, CSS3

Frontend: React.js, Next.js, Tailwind CSS, ShadCN UI

Backend & APIs: Node.js, Express.js, REST APIs, Firebase

Databases: PostgreSQL, Prisma ORM, MySQL, SQL Server, Firestore

Software Engineering: OOP, SDLC, Requirement Analysis, Debugging, Functional Testing, Error Handling, API Integration

Security: Authentication, Authorization, RBAC, Session Management, Input Validation

Tools & Deployment: Git, GitHub, Vercel, Firebase Hosting, Visual Studio, Android Studio

INTERNSHIP EXPERIENCE

Web Development Intern, Valueplus Outsourcing & Consultancy Services Pvt. Ltd. Feb 2025 – May 2025

- Contributed to **Quick Cart**, an e-commerce grocery application using PHP, JavaScript, HTML, CSS, and database technologies.
- Developed product listing, shopping cart, and checkout modules and integrated frontend components with backend functionality.
- Performed database operations, software debugging, bug fixing, and functional testing to improve application reliability.
- Participated in feature development and continuous improvement across the software development lifecycle.

PROJECTS

DevFlow – AI-Powered Developer Collaboration & Issue Management Platform

Next.js, TypeScript, Node.js, Express.js, PostgreSQL, Prisma ORM, REST APIs

GitHub Repository | Live Demo

- Built a full-stack platform for projects, issues, sprints, teams, comments, notifications, and developer workflows.
- Designed REST APIs with Node.js and Express.js and used PostgreSQL with Prisma ORM for structured data operations.
- Implemented authentication, session management, RBAC, input validation, and access controls for secure multi-user workflows.
- Performed API debugging, error handling, testing, and deployment-focused improvements for reliability and maintainability.

SpeedyShop – AI-Powered Grocery Delivery Platform

Next.js, React, TypeScript, Firebase, Firestore, Tailwind CSS, Genkit

GitHub Repository | Live Demo

- Developed a multi-role application supporting Customer, Admin, and Delivery Agent workflows with authentication and database integration.
- Integrated AI-powered product recommendations, smart shopping lists, and cart-based recipe suggestions using Google Genkit.
- Built responsive interfaces and application workflows for product discovery, cart, checkout, ordering, and administration.

EDUCATION

Bachelor of Computer Applications (BCA), Christ University, Delhi NCR

May 2025

CGPA: 3.19 / 4.0

12th: M K College, Darbhanga – 68% | **10th:** Darbhanga Public School – 70%

CERTIFICATION

Infosys Springboard: Explore Machine Learning using Python (Oct 2024)

Languages: English, Hindi