Heena Kousar S

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Bengaluru, Karnataka, India

PROFESSIONAL SUMMARY

Performance-Driven Software Engineer with hands-on experience in backend and mobile application development through internships and industry simulations. Skilled in Spring Boot, REST APIs, Flutter, and SQL, with a strong foundation in data structures, object-oriented programming, and Agile development. Quick learner with experience building, testing, and debugging production-style applications with strong adaptability to new tools and technologies.

EDUCATION

Presidency University   Bangalore, India
Bachelor of Technology in Computer Science and Engineering   *Dec 2020 – Jul 2024*
- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Software Engineering, Object-Oriented Programming, Mobile Application Development, Operating Systems

TECHNICAL SKILLS

Languages: Java, Python, Dart, JavaScript, SQL
Frameworks & Libraries: Spring Boot, Flutter, REST APIs, FastAPI
Databases: MySQL, H2, Firebase
Tools & Platforms: Git, GitHub, Maven, Docker (basic), CI/CD

PROFESSIONAL EXPERIENCE

Software Development Intern   Oct 2025 – Jan 2026
Namma Web   *Bengaluru, India*
- Developed cross-platform mobile applications using Flutter with REST APIs and Firebase for data synchronization and authentication
- Collaborated in Agile teams to deliver features and bug fixes, participating in code reviews and sprint meetings

AI/ML Intern   Jan 2023 – Mar 2023
TEACHNOOK (TeachScape Online Learning Services Pvt. Ltd.)   *Remote*
- Built and evaluated classification models using Python and scikit-learn, comparing algorithms to find best performance
- Applied feature engineering and hyperparameter tuning techniques to improve model accuracy and reduce overfitting

CERTIFICATIONS & EXTRACURRICULAR ACTIVITIES

Walmart USA Advanced Software Engineering Virtual Experience (Forage)   Jan 2026
- Completed Advanced Software Engineering Job Simulation. Developed novel heap data structure in Java for shipping logistics. Designed UML class diagram for data processor and entity relationship diagram for database design

JPMorgan Chase Software Engineering Job Simulation (Forage)   Jan 2026
- Integrated Kafka into Spring Boot microservice for transaction processing. Implemented validation and persistence with Spring Data JPA and H2. Developed REST endpoint and verified functionality using Maven test suites

Mobile App Development Internship Certificate, Namma Web   2025–2026
- Delivered production mobile applications with Flutter, REST API integration, and multi-device testing

TECHNICAL PROJECTS

CRM Mobile Application | *Flutter, Firebase, REST APIs, SQL*   2025
- Built Customer Relationship Management mobile app with user authentication, real-time data synchronization, CRUD operations, contact management, and analytics dashboard

AI Debugging Assistant (BugPilot) | *Python, NLP, FastAPI, Google Gemini API*   2025
- Designed AI-powered security assistant integrating Google Gemini API for bug bounty research, automated bug reporting, and vulnerability report generation

Portfolio Website | *HTML, CSS, JavaScript*   2024
- Designed and developed responsive personal portfolio website with modern web design and cross-browser compatibility

ADDITIONAL INFORMATION

- **Global Communication**: Multilingual proficiency (English, Kannada, Hindi) with active foreign language learning, demonstrating adaptability and global mindset