SNEHA KHATOON

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SUMMARY

Results-driven **Full Stack Developer** with hands-on experience in MERN stack, mobile app development, and cloud-native solutions. Proven track record of **reducing deployment cycles by 80%, improving UI efficiency by 25%, and boosting system reliability by 40%**. Skilled in delivering scalable applications and intuitive user experiences that create real business impact.

EXPERIENCE

Full Stack Development Intern

IT garden   **May 2025 – July 2025, pokhara,Nepal**

· Developed real-time monitoring dashboards with JavaScript frameworks, reducing incident detection time by 30% and improving observability across 100+ environments.
· Built and standardized reusable React components, cutting UI development effort by 25% and accelerating integration across 5+ DevOps modules.
· Automated CI/CD pipeline scripts, shortening release cycles from 2 days to 4 hours and boosting deployment reliability by 40%.
· Collaborated cross-functionally in Agile sprints, delivering features on schedule and improving team velocity.

Android App Developer (Intern)

Internshala Internship   **May 2024 – June 2024, Online**

· Engineered an in-app communication feature using Firebase Cloud Messaging, enabling real-time updates for 100+ users weekly and enhancing responsiveness by 25%.
· Optimized app stability by debugging with Android Studio Profiler & Logcat, reducing bug resolution time by 30% across 15+ incidents.
· Partnered with Agile teams in sprint reviews and retrospectives, contributing to consistent on-time delivery and improved collaboration.

PROJECT

E-Commerce Web App

· Engineered a scalable e-commerce web application utilizing the MERN stack by integrating robust authentication, seamless cart functionality, and automated deployment pipelines to facilitate uninterrupted service and enhanced user experience.
· Overhauled the architecture of the application by incorporating responsive design principles, optimizing database queries, and integrating real-time order tracking, elevating performance and customer satisfaction.
· Implemented secure payment gateway integration and optimized API response times, enabling 100+ concurrent transactions with zero downtime and boosting platform reliability.

Task Management App

Internshala · May 2024 – June 2024

· Engineered an intuitive task management application leveraging microservices architecture, enabling seamless collaboration and automating workflow processes, resulting in a 40% reduction in task completion time and a 30% increase in team productivity.
· Integrated advanced analytics into the application, empowering stakeholders with actionable insights to drive data-informed decisions, which improved project success rate by 20% and reduced decision-making time by 35%.
· Implemented role-based access control and real-time synchronization with WebSockets, ensuring secure task operations and reducing update latency by 25% across 200+ concurrent users.

EDUCATION

Bachelor of Engineering in Information Technology

Aditya Engineering College (Affiliated to JNTUK) · Surampalem, · 2026 · 8.55 CGPA

Intermediate Education

OM National Academy · Birgunj, Nepal · Jul 2020 · 2.84 GPA

Secondary Education

Jeetpur public English School · Jeetpur, Nepal · 2020 · 3.55 GPA

AWARDS & HONORS

Topper – Certificate of Academic Excellence

JNTUK, Kakinada · 2024

Coding Contest Winner

JNTUK,Kakinada · 2023

Leadership Recognition – Awarded for leading college tech fest
JNTUK,Kakinada · 2023

SKILLS

Programming Languages: Java, Python, C++, JavaScript (ES6+), SQL
Web Development: React.js, Angular, Vue.js, Node.js, Express.js, Django, Spring Boot, REST APIs, GraphQL, JWT, OAuth2
Mobile Development: Android (Java, Kotlin), iOS (Swift), React Native, Flutter, Dart
UI/UX & Design: Wireframing, Prototyping, Responsive Design, Typography, Color Theory, Usability Testing, Tools (Figma, Adobe XD, Canva, Axure)
Cloud & Databases: MongoDB, Firebase, SQL, AWS (API Gateway)
DevOps & Deployment: Git, GitHub, Docker, CI/CD, Play Store & App Store Deployment
Other: Data Analysis (Excel, Google Sheets), Agile (Scrum, Jira, Trello, Asana), Documentation & Reporting