

Mohini Potala *Software Engineer*

✉ potalamohini@gmail.com ☎ +916301441994 📍 Hyderabad, India 🔗 linkedin.com/in/mohinipotala
🐙 github.com/MohiniPotala 🔗 https://www.mohinipotala.tech/

Career objective

Entry-level Software Engineer with training and experience in full stack development, software design, and troubleshooting across the software development life cycle. Proficient in Java, Spring Boot, React, and RESTful APIs. Skilled in secure coding, business analysis, and continuous improvement. Passionate about building innovative, scalable solutions in consumer and investment banking environments.

Work Experience

Software Trainee, Bank of America

08/2024 – present | Hyderabad, India

- Collaborated with software engineers to design and develop frontend and backend components for an internal IT support system, improving issue resolution and user communication.
- Contributed to implementing secure solutions such as real-time ticket chat, role-based authentication, and notification features, while addressing performance and scalability issues.
- Participated in the full software development life cycle (SDLC), applied business analysis to understand user needs, troubleshoot production bugs, and supported continuous improvement through documentation and peer reviews.

Development Intern, Gammaprep

05/2024 – 08/2024 | Remote, India

- Designed and developed full-stack web applications aligned with consumer needs, applying software engineering principles and integrating frontend-backend communication using secure APIs.
- Executed project requirements through business analysis, agile practices, and continuous problem-solving, addressing development issues via testing, debugging, and peer code reviews.
- Explored cloud deployment, scalability strategies, and automation tools to improve performance and reduce manual processes across the software development lifecycle.

Skills

Technical Skills

- **Programming Languages:** Java, JavaScript, SQL, HTML, CSS
- **Frameworks/Libraries:** Spring Boot, React.js, Express.js
- **Practices:** RESTful APIs, MVC, JWT Authentication, Secure Coding, Software Development Life Cycle (SDLC), Troubleshooting, Code Review, Continuous Improvement, Debugging
- **Databases:** MongoDB, MySQL, Firebase
- **Developer Tools:** Git, GitHub, Postman, VS Code, IntelliJ IDEA, Eclipse

Soft Skills

Team Collaboration, Analytical Thinking, Adaptability, Attention to Detail, Innovative Problem Solving, Technical Communication

Education

Bachelor of Technology [IT], G.Narayanamma Institute of Technology and Science. (GNITS) Hyderabad
2020 – 2024 | Hyderabad, India
CGPA : 9.58

Higher Secondary Education, Narayana Junior College
2018 – 2020 | Hyderabad, India
Percentage: 97.7

Projects

The AI-enhanced learning assistant platform

12/2023 – 03/2024

- Developed an AI-powered platform that personalized educational content using **Natural Language Processing (NLP)**.
- Increased **user engagement** by 40% by analyzing interaction data sets and recommending personalized learning paths to support continuous improvement.
- Ensured **responsive design, performance optimization,** and cross-device compatibility using **scalable** frontend solutions.

Expense Tracker Budget Analyzer

01/2023 – 06/2023

- Developed a **secure budgeting** web application using **Java, Spring Boot, MySQL, React,** and JWT to help users track expenses and gain real-time financial insights.
- Increased **user engagement** by delivering consumer-focused dashboards and implementing business analysis techniques to shape feature design and usability.
- Followed the full software development life cycle (SDLC) and used structured troubleshooting, performance profiling, and issue tracking to ensure system stability.

Find Parking Slot

10/2022 – 12/2022

- Created an **Android** application to display real-time parking availability using Firebase and Android SDK.
- Increased **user engagement** by 30% through real-time updates, low-latency performance, and user-centric design.
- Applied distributed systems concepts and **mobile optimization** techniques to enhance responsiveness.
- Diagnosed and resolved sync issues and UX challenges through log-based debugging and iterative feedback.

Certificates

- Backend Development by PwSkills
- Responsive web design by FreeCodeCamp
- Introduction to Java & DSA by Coding Ninjas

Achievements

Awarded Gold Medal for academic excellence – GNITS (2024)

Solved 150+ DSA problems on GeeksforGeeks and LeetCode, strengthening problem-solving and algorithmic skills

Secured 94.5 percentile in JEE Mains (2020)