

Mithilesh Gaurihar

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PROFESSIONAL SUMMARY

Adaptable, energetic, and self-motivated individual with two years of global work experience, having worked with diverse and international teams in India and the United States. Skilled in Cloud and AI technologies. I aim to leverage my technical skills, excellent problem-solving, conflict management, and interpersonal skills to fill the developer role for challenging projects successfully.

EDUCATION

M.S. Computer Science	Expected May 2025
Arizona State University, Tempe, AZ	4.0 GPA
B.Tech. Computer Science and Engineering	May 2021
National Institute of Technology, Warangal, India	3.2 GPA

TECHNICAL SKILLS

Programming Languages:	JavaScript, Python, HTML, CSS, React, ABAP, Java
Tools:	SpringBoot, Git, RESTful API, SOAP-based API, IDE, Debugger, Build tools
Database:	Hana, SQL / MySQL, MongoDB, AWS DynamoDB, PostgreSQL
OS:	Windows, Linux, macOS
Cloud Technologies:	AWS, AWS Lambda, AWS EC2, AWS S3, AWS SQS
Methodologies:	Agile Development, Data Structures, Algorithms, Unit Testing

PROFESSIONAL EXPERIENCE

SAP Labs, India: Associate Developer	July 2021 - July 2023
<ul style="list-style-type: none">Played a key role as a Developer in the Agile Project team by developing a Commodity Management project using Java and Spring for the backendUtilized React to build responsive user interfaces, improving overall user experience and reducing load times by 30%Developed RESTful APIs with Java to facilitate seamless communication between frontend and backend servicesShowcased solid analytical skills by efficiently and accurately resolving more than 10 Priority-3 customer incidentsCreated utility software to analyze and remediate red flags in database tables, achieving a 20% reduction in data inconsistenciesConducted thorough database administration and consistency testing for 4 tables in SAP HANA DB, ensuring data integrity after adding new fields and demonstrating health monitoring/alerting.Utilized GitHub for version control, code reviews, and collaborative development, improving team productivity by 15%	
SAP Labs, India: Software Engineering Intern	June 2020 - August 2020
<ul style="list-style-type: none">Developed a full-stack web application for monitoring 5 periodically operating schedulersAccelerated decision-making and improved resource allocation effectiveness by integrating real-time API calls into the scheduler system, leading to a 30% decrease in scheduling errorsEnsured code reliability and system stability by performing unit testing on the developed code, resulting in a 25% improvement in code quality and reducing post-deployment issues.	

RELEVANT PROJECTS

Class Registration System, Java, OpenAI API	Github link
<ul style="list-style-type: none">Designed and implemented an efficient course-student matching algorithm by modifying the Gale-Shapley algorithm for the Easy Enroll Class Registration SystemIntegrated the solution with OpenAI's Artificial Intelligence Model (LLM) into the application	
DevDoc AI Documentation Generator, React, Python, Gemini AI API	Github Link
<ul style="list-style-type: none">Developed an AI-powered web app that automates code documentation across multiple languages, reducing documentation time, with CI/CD implemented via GitHub Actions and Render.Implemented code chunking algorithms that process large files while maintaining documentation accuracyCreated an intuitive React UI with real-time Markdown previews that increased team adoption	
Openpose Player Analysis, Python, OpenPose, Google Colab	Github Link
<ul style="list-style-type: none">Implemented the OpenPose model to conduct real-time multi-person 2D pose estimation for badminton player movement analysis	