Mihir Rana

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Skills

Programming Languages: JavaScript, TypeScript, Java, Python, HTML, CSS, Bash, MongoDB, PostgreSQL, MySQL
Frameworks/Services: ReactJS, AngularJS, Tailwind, Selenium, WebdriverIO, Bootstrap, Spring Boot, Flask, Heroku, Git, GitHub, Bitbucket
Technologies: NodeJS, AWS (Lambda, S3, Step Functions, CloudFormation, CloudWatch), Jenkins, Splunk, Jira
Networking: Wireshark, GNS, Socket Programming
Methodologies: Agile, Scrum, SDLC, OOP, RESTful APIs, CI/CD
Certification: AWS Certified Cloud Practitioner

Professional Experience

ADP, Inc.   Roseland, NJ
Full Stack Associate Software Engineer   *February 2022 – Present*

- Developed 3 client-facing full-stack applications with Java, ReactJS, NodeJS, AWS, and MongoDB. These applications cater to clients, partners, business analysts, and enterprise architects.
- Leveraged AWS Lambdas to optimize numerous REST APIs resulting in 20% faster response times and a decrease of 5 seconds in user wait times.
- Migrated 4 on-premises microservices from Express.js to AWS Step Functions, leading to an 11% decrease in monthly operating expenses.
- Managed a shared library of reusable responsive UI components, reducing development time by 35% and ensuring a consistent look and feel across related applications.
- Created end-to-end tests utilizing WebdriverIO with Cucumber to ensure consistent test coverage in the range of 80% to 85%.

The Coder School   Short Hills, NJ
Coding Instructor   *June 2021 – January 2022*

- Curated lesson plans for a class of 8 students on Python and Scratch games based on their interests.
- Documented student's weekly progress after each lesson and communicated their coding skills with their parents.
- Fostered an environment of curiosity, urging students to consistently inquire about a minimum of 3 aspects related to their games and apps during every session.

Application Consulting Group   Parsippany, NJ
Consultant Intern   *August 2021 – September 2021*

- Verified IBM Planning Analytic scripts to ensure the integrity of financial reports while maintaining 100% accuracy.
- Organized weekly meetings with senior consultants to assess best industry practices for writing analytic scripts.
- Produced well-structured documentation encompassing 5 analytical processes, data flows, and model designs.

Education

New Jersey Institute of Technology   Newark, NJ
Bachelor of Science in Computer Science, GPA 3.8   *December 2018 – December 2021*

Passaic County Community College   Paterson, NJ
Computer Science Curriculum, GPA 4.0   *August 2017 – December 2018*

Projects

Smart Parking Application

- Led a team of 4 students to create a ReactJS proof of concept for Aurora, Illinois. The application enabled citywide parking registration using chosen lot layouts and collected real-time data via parking place pods.

Income/Expense Tracker Web App

- Built a Python and ReactJS app enabling Google login for user profiles, expense management, sorting, and visualizing income/expenses with bar and line charts.
- Conducted client-side and server-side test coverage, stored data in PostgreSQL, and achieved continuous deployment on Heroku, all while upholding industry-standard linting (Airbnb & Pylint).

DailyDash Android App

- Designed an Android app enabling user authentication, weather forecast retrieval, real-time news discovery, and personalized to-do list management.

U.S. CITIZEN