PANKAJ MADAAN

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Professional Summary

Dynamic Full Stack Developer with over 6+ years of experience in designing, developing, and deploying responsive web applications. Proficient in ReactJS, NodeJS, Python, and cloud technologies, delivering scalable, secure, and user-centric solutions. Expertise in collaborating with cross-functional teams to align technical outcomes with business objectives. Committed to leveraging innovative technologies to enhance user experiences and drive project success.

Technical Skills

- Programming: JavaScript (ReactJS, NodeJS), Python, TypeScript
- Databases: MySQL, Postgres, MongoDB
- ORM: Sequelize, SqlAlchemy
- Cloud: AWS, Azure
- Tools: Git, Jira, Bitbucket
- Testing: Jest, Postman

Professional Experience

Specialist Programmer   09/2022 to Current
Kraft Heinz (via Infosys)

- Designed and developed responsive web applications using ReactJS, NodeJS, and Python.
- Created and maintained RESTful APIs, using frameworks ExpressJS and FastAPI.
- Led a team of 4 developers to deliver a custom web app, reducing manual reporting by 50%.
- Developed data pipelines and ETL processes to integrate data from multiple sources.
- Optimized database performance, enabling faster data retrieval and processing by refining existing SQL queries.
- Implemented state management using Redux, enhancing user experience.
- Utilized both agile and waterfall methodologies to develop software of varying complexity and business needs.
- Implemented continuous integration/continuous deployment (CI/CD) pipelines, reducing manual errors and deployment times.
- Integrated new software with existing systems and third-party APIs.
- Implemented customer feedback system to inform product development.
- Assisted in developing strategic plan that aligned with long-term company goals.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.

- Mentored junior programmers, enhancing their skill sets and fostering professional growth within the team.
- Worked with analysts to prepare test plans and assess test data.
- Created web-based dashboards and reporting tools for data visualization.
- Improved software efficiency by creating automated scripts and tools.
- Developed custom software solutions for clients, tailored to their specific business needs and operational challenges.
- Improved customer satisfaction rates through proactive problem-solving and efficient complaint resolution.
- Conducted regular reviews of operations and identified areas for improvement.

Software Engineer   01/2020 to 09/2022
Q.A. Infotech (Qualitest)
- Developed backend components using NodeJS, Express, Sequelize, and Prisma.
- Built user-friendly, responsive UIs with ReactJS, Redux, MobX, and Material UI.
- Designed and maintained secure databases in Postgres, MongoDB, and MySQL.
- Created comprehensive technical documentation and API specifications.
- Collaborated with QA teams to debug and optimize performance.

Projects

Data Manager App – Full-Stack Developer
- Built frontend with React/Redux and backend APIs using ORM; added multiple libraries for graphs, data visualization, Excel handling, media uploading etc.

Collaboration App – Full-Stack Developer
- Developed the frontend and backend for a team collaboration product focused on engagement of employees in company.

Healthcare Portal – Backend Developer
- Designed backend and REST APIs; integrated Twilio SMS and Stripe payments.

E-Learning Platform – Full-Stack Developer
- Created React/MobX frontend; backend with NodeJS, Sequelize, microservices, and AWS CDK.

Education

Master in Computer Applications   01/2020
Chandigarh Group of Colleges - Mohali

Bachelor in Computer Applications   01/2017
Arya College - Ludhiana