

Aditya Nayak

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Technical Skills

- Frontend:** React, Redux toolkit
- Backend:** Node.js, Express.js, NextJS, Python, FastAPI
- Databases:** MongoDB, SQL (PostgreSQL, MySQL)
- DevOps:** CI/CD, Docker, AWS (ECS, S3, ALB, ASG), GIT

Experience/Projects

Deloitte India Touchme LLP

December 2022 – Present

Assistant Manager

Bengaluru, India

- Lead the development team in the project. Guide all the developers in implementing effective scalable solution.
- Resolve complex production issue thereby reducing downtime.
- Scale the system that increased the user traffic by 40%.
- Enabled system security by implementing required task queue, rate limiting to avoid unwanted surge in API requests in the server.

Senior Executive

Bengaluru, India

- Developed a due diligence platform to help users gather key information on a target and make informed decisions quickly, reducing manual reporting efforts.
- Designed and built the frontend using React and Redux, while implementing the backend in Node.js with PostgreSQL.
- Implemented task queuing to manage multiple user requests efficiently.
- Created a specialized microservice that dynamically spawns based on specific requests, improving fault.
- Enabled docker based builds and deployment in the project
- Led the **CI/CD** pipeline setup and deployment of the application across multiple environments.
- Worked extensively with AWS services like ECR, ECS, and S3 to maintain application deployment and deploy containers efficiently.
- Developed Docker scripts to build container images and optimize the deployment process.
- Took on the role of Development Lead, mentoring and managing team members in their daily tasks and deliverables.
- Handled and resolved production tickets with minimal downtime, ensuring smooth operation of the platform

Avo Automation, SLK

January 2022 – Novemeber 2022

Senior Product Engineer

Bengaluru, India

- Designed and developed a test automation tool using Python for backend services, React for frontend interfaces, and Node.js for server-side operations.
- Implemented inter process communication between microservices using Nginx, improving system performance and reliability.
- Took full ownership of tool deployment and support across Ubuntu and Mac environments.
- Built and maintained CI/CD pipelines using Azure DevOps classic editor, streamlining the release process.
- Took responsibility as Level 2 (L2) support, promptly handling production issues and minimizing downtime.

Avo Automation, SLK

October 2020 – Jan 2022

Product Engineer

Kolkata, India

- Developed REST APIs for internal modules and worked closely with senior engineers to deliver new features.
- Learned and applied database optimization techniques with MongoDB, including indexing and query tuning.

Personal Projects/Awards & Achievements

Automatic diabetic retinopathy detection | Machine Learning

Jan 2020 - June 2020

- Developed an interactive tool based on python and DJANGO based python framework. This tool allows user to upload retinal image and the tool will flag if the user has retinopathy condition or not.

Education

Sahyadri college of Engineering and Management, VTU

Aug 2016 – Aug 2020

Bachelor of Engineering in Computer science & Engineering

Mangalore, Karnataka