Deepak Ashok

Full-Stack Developer | Dublin 7 | Stamp 1G

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PROFILE

Software engineer with 3 years of experience, transitioning from a front-end focus to building full MERN stack applications. Skilled in creating responsive, user-friendly interfaces using HTML, CSS, JavaScript, and React.js, and now proficient in developing robust, scalable backend services with Node.js, Express, and MongoDB. Adept at designing RESTful APIs, implementing authentication and authorization flows, and deploying full-stack applications using AWS and Docker. Strong hands-on experience with TypeScript, CI/CD pipelines, and Agile methodologies. Passionate about building performant, maintainable solutions and continuously expanding technical skill sets with modern technologies like Three.js

TECHNICAL SKILLS

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Redux, Next.js

Backend: Node.js, Express, MongoDB.

UI & Design: Figma, Adobe XD, Sketch.

Testing: Jest, Cypress, Unit Testing, GitHub Actions

Other: Docker, Jira, Postman, AWS Services

EDUCATION

Master of Business Administration (Cloud Computing), Dublin Business School, Ireland   April 2024–2025

Relevant modules: Cloud Applications Management, Cloud Technologies for Business, Dynamic Leader Development, Research Methods.

Bachelor's in Computer Application, Sri Krishnadevaraya University, **India**   July 2018 – 2021

Relevant modules: Web Technologies, Programming with C

WORK EXPERIENCE

Flowerhorn IT Pvt Ltd, *Bangalore, India.*

   Software Engineer   Sep 2021 – 2024

- Built a real-time stock management API that integrated with external inventory systems to fetch, update, and sync stock levels dynamically, preventing overselling and ensuring consistent data across platforms.
- Enabled real-time product availability on the frontend, improving user trust, reducing cart abandonment, and increasing conversion rates through accurate, dynamic inventory updates.
- Collaborated cross-functionally with designers and backend engineers in Agile sprints, contributing to UI testing with Jest, conducting code reviews, and optimizing React.js components for performance.
- Set up CI/CD pipelines using Docker and GitHub Actions to automate testing and deploy features seamlessly to AWS (EC2, Lambda, S3), ensuring fast, reliable delivery in production.

Ananth Agri Services, *Andhra Pradesh, India.*

Software Engineer Intern.   Apr 2020 – 2021

- Built Figma wireframes, a collaborative design with the UI team. Explored ideas, gathered feedback, built realistic prototypes, and streamlined product development with design systems
- Transitioned into the development team, where I learned software testing methodologies and contributed to the testing phase of product development.

RELEVANT PROJECT

- Designed and developed RESTful APIs using Node.js and Express to facilitate real-time communication between data sources and frontend clients, ensuring reliable and scalable integration for high-traffic environments.
- Engineered modular service layers to separate business logic from API routes, enabling easier testing, scaling, and maintenance of backend features.
- Integrated third-party APIs and live stock feeds, handling asynchronous data processing and error resilience to ensure accurate, up-to-date information delivery to the user interface.
- Collaborated in Agile sprints using Git, Jira, and CI/CD pipelines, participating in sprint planning, code reviews, and deployments to AWS environments.
- Connected MongoDB for structured storage and retrieval of product details, user preferences, and cart data.