

Deepak Ashok

Full-Stack Developer | Dublin 7 | Stamp 1G

ashokrawaldz@gmail.com | +353 899567370 | [Portfolio](#) | [Connect on LinkedIn](#)

PROFILE

Software engineer with 3+ years of experience, evolving from a frontend-focused role into delivering full MERN stack solutions. Expert in building responsive, accessible interfaces using React.js, Redux, HTML, CSS, and Tailwind CSS, paired with strong backend skills in Node.js, Express, and MongoDB. Skilled in designing and consuming REST APIs, implementing authentication/authorization with JWT, and integrating real-time features using WebSockets. Experienced in deploying containerized applications to AWS with Docker and GitHub Actions CI/CD. Proficient in TypeScript, Agile methodologies, and performance optimization, with a track record of improving UI speed, scalability, and user experience.

TECHNICAL SKILLS

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

Backend: Node.js, Express, MongoDB.

UI & Design: Figma, Adobe XD, Sketch.

Testing: Jest, Unit Testing, GitHub Actions

Other: Docker, Jira, Postman, AWS Services, Tailwind CSS

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. | Sep 2021 – 2024

Full-Stack developer (frontend-focused)

- Developed end-to-end features for e-commerce SaaS products using React.js, Node.js, Express, and MongoDB, from wireframes to production deployment.
- Built responsive, accessible UIs with React Hooks, Redux, and Tailwind CSS, delivering 20% faster load times and a 15% higher conversion rate.
- Integrated real-time stock availability into the UI using WebSockets and REST APIs, preventing overselling and increasing user trust.
- Designed and implemented RESTful APIs with Node.js and Express, incorporating JWT-based authentication, role-based permissions, and error-handling middleware.
- Deployed containerized applications to AWS (EC2, S3, Lambda) using Docker and GitHub Actions CI/CD, reducing deployment time from hours to minutes.
- Conducted unit and integration testing with Jest and React Testing Library, achieving 90%+ coverage across frontend and backend components.
- Partnered with designers in Figma to translate UI/UX concepts into interactive, production-ready components.
- Actively contributed in Agile sprints, performing code reviews, writing technical documentation, and troubleshooting production issues.

Software Engineer Intern.

- Created high-fidelity UI prototypes in Figma, translating user research insights into visually consistent design systems for a farm management SaaS platform.
- Developed and styled reusable React components with props-based configuration and basic state management using `useState` and `useEffect`.
- Assisted in frontend performance tuning, improving page load speed by ~25% through asset optimization and efficient rendering techniques.
- Collaborated with QA teams to execute manual and automated testing, documenting bugs in Jira and ensuring quick turnaround for fixes.
- Participated in Agile development cycles, contributing to feature planning, sprint reviews, and end-user demo sessions.

RELEVANT PROJECT

Planet Fitness – Full-Stack Developer (frontend focused) | Duration – 2.5 years

Technologies – React.js, Node.js, Express.js, MongoDB, WebSockets, AWS (EC2, S3, Lambda), Docker, GitHub Actions, JWT, REST

- Engineered a real-time stock management system by integrating external inventory APIs and WebSockets, ensuring accurate, dynamic product availability and preventing overselling across customer and admin interfaces.
- Developed and optimized UI components using React.js with Hooks (`useState`, `useEffect`, `useContext`), enabling seamless cart operations, filtered product views, and real-time inventory updates.
- Built secure, scalable REST APIs using Express.js and JWT-based authentication, implementing role-based access control and separating business logic for maintainability.
- Set up CI/CD pipelines with Docker and GitHub Actions, automating testing and deployment workflows to AWS (EC2, Lambda), and securing environments using `.env` and AWS Parameter Store.
- Collaborated cross-functionally in Agile sprints, contributing to UI design implementation, code reviews, and admin dashboard delivery with live sales tracking, inventory insights, and performance improvements via Lighthouse audits.

Agri Management Portal – Intern | Duration – 8 months

Technologies – React.js, JavaScript, HTML, CSS, Figma, Jira

- Designed high-fidelity UI wireframes and interactive prototypes using Figma in collaboration with the design team, supporting product vision and improving communication between design and development.
- Contributed to the frontend codebase using React.js, implementing minor UI features, fixing layout issues, and refining styling based on design guidelines and mentor feedback.
- Assisted in developing reusable UI components with props-based configuration and basic state management using `useState`, promoting component modularity.
- Participated in manual testing of frontend features and performed basic unit testing of components to ensure consistent UI behavior during development cycles.
- Worked closely with QA and developers to track and document bugs in Jira and iterate on UI improvements based on stakeholder and user feedback.