

DEEPAK ASHOK (Full-Stack Engineer)

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Eligible to work FT in Ireland (Stamp 1G) | Dublin, County Dublin, Ireland

PROFILE

Software engineer with 3 years of experience, growing from a frontend-focused role into delivering complete MERN stack solutions. proficient in JavaScript, React, Redux, HTML, CSS, SASS, Tailwind, Node.js, Express, MongoDB, and SQLite. Experienced in designing, developing, and deploying scalable web applications on AWS and implementing CI/CD pipelines to ensure cross-platform compatibility and responsiveness, performance, and security. Developed and maintained SaaS platforms, authentication systems, and inventory management solutions. Previously contributed as a software engineer at Flowerhorn IT, working across frontend, backend, and DevOps tasks such as API integration and AWS services (EC2, S3, Lambda, and API Gateway). Demonstrated ability to work both independently and in collaborative teams, delivering end-to-end solutions that improve scalability, usability, and business outcomes.

Career Highlights

- Well-versed in various web technology stacks, relational and non-relational DBs, and website hosting platforms.
- Performed under tight deadlines and pressure, pivoted when needed, and consistently delivered quality results.
- Effective collaborator, able to work closely with other engineers, designers, QA testers, and project managers.

EDUCATION

- MBA In Cloud Computing (NFQ Level 9)** | DBS Dublin, Ireland | 2024–2025
modules: Cloud Applications Management, Cloud Technologies for Business, Dynamic Leader Development, and Research Methods.
- Bachelor's degree in Computer Application (NFQ Level 8)** | SK University, India | 2018–2021
Relevant modules: Web Technologies, Programming with C

TECHNICAL SKILLS

- Frontend Technologies:** JavaScript (ES6+), TypeScript, ReactJS, Redux, NextJS, HTML, CSS, SCSS, Material-UI, Vite.
- Backend Technologies:** Node.js, Express, MongoDB, Python, RESTful, SQLite, Docker.
- UI & Styling:** Figma, Adobe XD, Sketch, Tailwind CSS, and WCAG Accessibility Standards.
- Software:** VS Code, Webpack, Jira, Git, GitHub, and MongoDB Compass.
- Testing & Tooling:** Jest, Unit Testing, GitHub Actions, React Testing Library, Babel, ESLint.
- Performance Optimization:** Code Splitting, Lazy Loading, Memoization, and Web Vitals Improvement.
- Hosting Platforms:** AWS, cPanel.

PROFESSIONAL EXPERIENCE

Full-Stack Engineer | Flowerhorn IT Pvt Ltd, India | September 2021 – Feb 2024

- Worked as a full-stack developer using Node.js and Express for the server side; React.js, Redux, HTML, CSS, and JavaScript for the client side; and MongoDB and SQLite databases.
- Responsible for handling database operations, server-side logic, designing secure APIs, and API integrations to ensure the proper functioning of web applications.
- Skilled in designing and managing SQL and NoSQL databases that support web applications, ensuring efficient data storage and retrieval, and maintaining data integrity and security.
- Knowledge and experience with AWS services, cPanel, CDN, and DNS management.
- Well-versed in designing the overall architecture of web applications, including their structure, scalability, and functionality. Ensured seamless integration between front-end and back-end components while ensuring compatibility with different devices and browsers, and responsiveness of web applications.
- Proficient in identifying and resolving issues and bugs in web applications through thorough testing and debugging, ensuring optimal performance and user experience.
- Demonstrated ability to understand business requirements and translate them into technical requirements.

Successful Achievements and Projects:

- [SageData](#)—Business Intelligence Platform [January 2022–April 2022] (React, Node.js) Integrated a monthly subscription-based Stripe payment gateway. Closely collaborated with stakeholders, shaping requirements and validating viability. Used React Axios to call Web APIs to fetch data from the backend and update the states. Used React Highcharts for visualizations showcasing user-consumed data and forecasts. Used Git as version control, and the codebase was managed on GitLab. Implemented automation and unit testing. On the backend, Node.js (with Express) was used to build RESTful APIs, handle authentication, manage Stripe payment workflows, and process data efficiently, ensuring seamless communication between the frontend and the database.
- [Dabadu](#)—xRM for Car Dealerships [August 2022–February 2023] (React, Redux, Node.js) Implemented micro frontend architecture to scale modular features independently. Used React Axios to make requests to REST APIs and update the Redux store. Worked on lifecycle methods, state, props, and events to create interactive and stateful React components, and achieved routing using React Router. Built reusable React components and functions, improving development efficiency. On the backend, developed REST APIs in Node.js to handle dealership inventory, customer data, and sales workflows, ensuring secure and scalable integration with the frontend. Optimized rendering performance and improved state management for faster page loads. Executed Git as source control and streamlined the codebase on Bitbucket. Actively participated in daily scrum meetings and was involved in many phases of Agile methodology. Wrote unit tests and conducted peer code reviews to ensure code quality, maintainability, and adherence to best practices.
- [MeatKart](#)—E-commerce platform [May 2023–December 2023] (React, Redux, and Node.js) for delivering a responsive shopping experience. we built the frontend with React.js and Hooks for real-time cart and product interactions, while the backend (Node.js, Express.js, MongoDB) powered REST APIs and WebSockets for live stock updates. We containerized with Docker, automated deployments via GitHub Actions, and hosted on AWS (EC2, S3, Lambda). With SSL, an SEO-friendly structure, and optimized performance, the platform ensured secure, smooth browsing. Collaborated in Agile sprints to refine UI/UX and monitored analytics to improve reliability.
- Optimized websites and web apps, resulting in over 90% Lighthouse Performance Score.

Software Engineer Intern | *Ananth Agri Services, India* | April 2020 – December 2020

- Created high-fidelity UI prototypes in Figma, translating user research insights into visually consistent design systems for a farm management SaaS platform.
- Streamlined front-end scalable web application architecture, designing user interactions using React.js and ES6.
- Improved collaboratively with UX, PM, QA, and other engineers, building web applications using modern web technologies.
- Coded, tested, and debugged software modules and met project plan goals.
- Built web components in the latest web frameworks and continuously updated on emerging trends and best practices in front-end development.

Successful Achievements and Projects:

- [CropCog](#)—E-commerce for data-rich web platforms empowering agribusinesses with precision agri-insights and streamlined farmer connectivity. On the frontend, we delivered rich, modular UIs using React.js and Hooks (with React Router) to support dynamic dashboards, visual analytics, and interactive search/filter flows. Contributed to the codebase by implementing UI features, fixing layout issues, and refining styling based on feedback, while also developing reusable components with props and basic state management using useState. Participated in manual and unit testing to ensure consistent UI behavior and worked with QA and developers to document and resolve bugs in Jira, iterating on improvements based on user and stakeholder feedback.

GENERAL SKILLS

- **Language Skills:** English: Advanced
- **Soft Skills:** Customer focus and adaptability to different personality types. Ability to multitask, set priorities, and manage time effectively. Strong phone and verbal communication skills, along with active listening. Relationship Management. Ability to manage multiple projects simultaneously with a constant eye on quality. Excellent attention to detail.