DEEPAK ASHOK (Full-Stack Engineer)

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

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PROFILE

Software engineer with 3 years of experience, delivering end-to-end web solutions using modern JavaScript and cloud technologies. proficient in JavaScript, TypeScript, React.js, Redux, HTML, CSS, SASS, Tailwind, Node.js, Express, Python, MongoDB, and SQLite.

Experienced in developing responsive, scalable web applications following Agile, CI/CD, and DevSecOps practices. Adept at collaborating with cross-functional teams to design, build, and deploy secure applications on AWS, adhering to performance, accessibility, and security standards (WCAG, GDPR). 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**: React.js, TypeScript, JavaScript (ES6+), Redux, HTML5, CSS3, SCSS, SASS, LESS, Tailwind, Material-UI, Next.js
- **Backend Technologies:** Node.js, Express.js, RESTful APIs, MongoDB, SQLite, Python
- **UI & Styling:** Figma, Adobe XD, Sketch, Tailwind CSS, and WCAG Accessibility Standards.
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Microsoft Azure, Docker, GitHub Actions, CI/CD pipelines
- **Testing & Quality:** Cypress, Jest, React Testing Library, Unit Testing, Debugging, Code Reviews, Web Vitals Optimization
- **UI/UX & Tools**: Figma, Adobe XD, Webpack, Vite, Jira, Git, GitHub, Accessibility (WCAG)
- **Practices:** Agile, Scrum, DevSecOps, Code Optimization, Cross-Browser and Cross-Device Compatibility
- **Performance Optimization**: Code Splitting, Lazy Loading, Memoization, and Web Vitals Improvement.

CERTIFICATIONS

- Developing Frontend Apps with React By IBM - [Link](#)
- Developing Back-End Apps with Node.js and Express By IBM - [Link](#)
- Python Crash Course by Google - [Link](#)
- Python for Data Science, AI & Development - [Link](#)
- Git and Github by IBM - [Link](#)

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, Typescript, Redux, HTML, CSS, and JavaScript for the client side; and MongoDB database.
- Designed and integrated secure RESTful APIs and third-party services (e.g., Stripe) to support application functionality and business workflows.

- Designed and implemented reusable, type-safe React components in TypeScript, improving maintainability and consistency across the UI.
- Deployed and maintained applications using AWS (EC2, S3, Lambda), Docker, GitHub Actions, CDN, DNS, and cPanel, ensuring scalability and high availability.
- Implemented testing, debugging, and performance optimization, achieving 90%+ Lighthouse Performance Scores and improving reliability.
- Ensured WCAG-compliant, responsive design across multiple browsers and devices.
- Demonstrated ability to understand business requirements and translate them into technical requirements.

Successful Achievements and Projects:
- [SageData](#)—Built a subscription-based analytics platform [January 2022–April 2022] (TypeScript, Node.js, Chart.js, and Cypress), integrating Stripe for secure recurring payments. Collaborated with stakeholders to define requirements and ensure business viability. translating them into interactive dashboards and user-friendly features. Developed RESTful APIs in Node.js/Express to support authentication, payments, and data handling, while implementing reusable, type-safe React components to improve development efficiency and maintain UI consistency across the platform. Created dynamic visualizations with Chart.js to display user-consumed data and forecasts. Implemented component testing using Cypress, improving reliability and maintainability.
- [Dabadu](#)—xRM for Car Dealerships [August 2022–February 2023] (React, TypeScript, Redux, Cypress). Implemented a micro-frontend architecture to scale modular features independently. Developed interactive and stateful React components using lifecycle methods, state, props, and events, and implemented routing with React Router. Built reusable React components and utility functions, improving development efficiency and maintainability. Managed API calls using React Axios to update the Redux store efficiently. Focused on optimizing rendering performance, improving state management, and ensuring fast, responsive page loads. Actively participated in daily scrum meetings and various phases of Agile methodology, including component unit testing and peer code reviews, to maintain code quality and 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. 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.

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 platform.
- Streamlined front-end scalable web application architecture, designing user interactions using React.js and ES6.
- Improved collaboratively with UX, 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.
- Optimized websites and web apps, resulting in over 90% Lighthouse Performance Score.

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.