

Durai Raja

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SUMMARY

Full Stack Developer with 3+ years of experience specializing in MERN, MEAN (AngularJS), and Java technologies. Skilled in building scalable and maintainable web and mobile applications with a strong focus on performance and user experience. Proficient in React, Node.js, TypeScript, MongoDB, and cloud integrations. Passionate about delivering clean, efficient code and innovative solutions. Portfolio to be found on: <https://durai-portfolio-omega.vercel.app>

EXPERIENCE

Senior Software Developer

Octoze Technologies Pvt Ltd – Chennai, India

February 2023 - Present

- Built a Job Portal in collaboration with NSDC to connect students and employers, promoting skill development.
- Developed frontend using React.js and backend RESTful APIs using Node.js and Express.js.
- Used MongoDB for managing user profiles, job data, and applications.
- Integrated real-time features like job alerts, skill assessments, and smart job recommendations.
- Designed and developed a Voluntary Deposit Scheme platform using AngularJS for student financial planning.
- Built secure backend with Node.js, Express.js, and Java; implemented encryption and real-time notifications.
- MongoDB used for storing financial data and user histories.
- Migrated the CAMU Teaching Management System to React.js for improved performance and scalability.
- Utilized React Bootstrap and React Router to modernize the UI.
- Connected backend with MongoDB to update course data, attendance, and results in real-time.
- Currently developing the Controller of Examination (COE) platform using AngularJS for managing exam workflows.
- Implements scheduling, result processing, and attendance management.

Software Developer

Learn Sky Technology Pvt Ltd – Tamil Nadu, India

March 2022 – January 2023

- Built the company's official MERN stack website with features like service portfolios and client testimonials.
- Integrated backend APIs and MongoDB for dynamic data storage.
- Optimized the site for SEO, speed, and cross-browser support.
- Implemented responsive design to ensure seamless experience across desktop and mobile devices.
- Developed and maintained reusable React components to improve development efficiency.
- Collaborated with designers and stakeholders to refine UI/UX and align with business goals.
- Set up CI/CD pipelines to automate testing and deployment processes.
- Troubleshoot and resolved bugs and performance bottlenecks to enhance user experience.
- Documented technical specifications and user guides to assist the team and clients.

PROJECTS

Library Management System

- Built a MERN stack application for managing book inventory, user registrations, and transactions.
- Developed RESTful APIs using Node.js and Express.js to handle user authentication, book management, and transaction tracking.
- Integrated MongoDB to store and manage data related to books, users, and borrowing history with schema validation.
- Implemented user role-based access (Admin vs. Student) with secure authentication using JWT.
- Built admin dashboard for managing books, categories, and users with CRUD functionality.
- Technologies Used: React.js, Node.js, MongoDB.

NEXARA – PERSONAL AI MOBILE APP

- Developed a cross-platform voice assistant app personalized with user data.
- Included voice recognition and AI-backed task execution.
- Trained the assistant on personal data to deliver customized and contextual responses based on user preferences and tasks.
- Integrated speech-to-text (STT) and text-to-speech (TTS) technologies for real-time conversational interaction.
- Technologies Used: React Native, Python, Chroma DB

EDUCATION

B.E. in Electrical and Electronics Engineering

Mahendra Institute of Technology, Trichengodu

2017 – 2021 | CGPA: 7.02

CERTIFICATIONS

Full Stack Web Development (6 Months Training Program)

Besant Technologies, Chennai.

SKILLS

React.js, AngularJS, HTML, CSS, JavaScript, TypeScript, Bootstrap, Node.js, Express.js, Java, MongoDB, MySQL, React Native, Electron.js, Docker, Git, AWS, Webpack, Python, Chroma DB