Anjali Santhakumar

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SUMMARY

Web application developer with 3+ years of experience in creating responsive user interfaces using frameworks such as Angular, Express.js and React. Integrated RESTful APIs and optimized front-end performance, resulting in a 60% reduction in load times. Proven ability to collaborate with cross-functional teams to deliver seamless single-page applications. Leveraged Agile techniques to optimize team collaboration and maintain on-schedule project completion.

EDUCATION

MSc Artificial Intelligence and Big Data | Anglia Ruskin University, Cambridge UK | September 2021 - June 2023
- **Dissertation:** Framework for Monitoring Communication Patterns and Email Data to Evaluate Burnout Index

B.Tech in Computer Science and Engineering | Abdul Kalam Technological University, India | June 2015 - June 2019
- Automation of Speech to Hand Gesture Conversion – an aid for hearing impaired

WORK EXPERIENCE

Full Stack Developer | Nowce Ltd | Cambridge, United Kingdom | August 2023 – Present
- Developed responsive and interactive user interface using Angular framework, emphasizing best practices such as modular component design and reactive forms and integrated web socket communication for real time updates.
- Integrated RESTful APIs, employing Express.js for the backend and seamlessly interfacing with Angular on the frontend, ensuring fluid data retrieval and manipulation.
- Deployed chunk loading techniques to optimize application load times, resulting in a remarkable reduction of load times (by 60% in the local development environment).
- Incorporated agile development methodologies to streamline project delivery.

R&D Intern | Omnifia Ltd | London, United Kingdom | September 2022 – December 2022
- Collaborated in a team of 4 to develop and implement machine learning models including thorough research, data pre-processing, and algorithm selection, boosting data processing efficiency by 40% and accuracy by 30%.
- Leveraged Python libraries such as NumPy, Pandas, and Matplotlib to perform data analysis and visualization.
- Integration of third-party applications using OAuth for authentication and strengthened expertise in TypeScript.
- Took an active part in brainstorming solutions and exchanging views during team meetings and technical talks.

Front-End Developer | Tata Consultancy Services (TCS) | Bangalore, India | June 2019 – September 2021
- Excelled as an Angular Developer for over 2 years in a 6-member team of front-end developers, also collaborating with backend developers to design and consume RESTful APIs using Angular's HTTP Client module.
- Implemented form validation and error handling mechanisms to ensure data integrity and improve user experience.
- Enhanced navigation efficiency by implementing client-side routing with Angular's Router Module, transitioning applications into smoother, seamless single-page applications (SPAs) and ensured cross-browser compatibility.
- Engaged in Agile development practices, participating in daily stand-up meetings that fostered team communication and timely project tracking.

LANGUAGES, SKILLS AND CERTIFICATES

- **Languages:** English (Fluent), Malayalam (Native), Hindi (intermediate proficiency)
- **Skills:** HTML, CSS, JavaScript, React, Angular, Express.js, Node.js, RESTful APIs, Web Sockets,AWS, Docker,Git/GitHub, Jira, Agile development methodologies
- **Certifications:** AWS Academy Machine Learning Foundations (March 2022 – No Expiration Date)