

Praneeth Kumar Reddy Palampalli

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EDUCATION:

University at Buffalo, The State University of New York

Master of Science, Business Analytics

Buffalo, NY

07/23 - 06/24

SRM Institute of Science and Technology

Bachelor of Engineering, Information and Technology

Chennai, India

07/17 - 06/21

TECHNICAL SKILLS

Web Development: HTML5, CSS, JavaScript, React Js, Angular, TypeScript, Next JS, Node JS, Redux, PHP, NPM, XHTML, Webpack, Vite, Babel, Figma, JQuery, Material UI, Bootstrap, Rest API, GraphQL

Databases: Oracle, MS SQL, SQLite

Cloud: AWS(S3, DynamoDB), Docker, Kubernetes, Azure DevOps, Google Cloud Platform(GCP)

Languages & Other: Python, React Native, Power BI, Tableau, Google Analytics, Google Tag Manager, WordPress, FullStory, MS Office(Excel), SharePoint, Visual Studio, Jupyter, Jira, Git, Postman

PROFESSIONAL EXPERIENCE

Associate Software Engineer, Ernst & Young Global Limited, Pune, India

11/21 - 06/23

- Developed and maintained PAANS, a Consent Management app using React.js, and Node.js, allowing EY application teams to integrate privacy policy, and various policies to comply with GDPR regulations
- Streamlined user experience with Auth0 Single Sign On and JWT, reducing login time by 15 seconds
- Enhanced application performance through lazy loading, code splitting, and service workers, achieving a Lighthouse performance score of 90+ across all pages
- Integrated RESTful APIs, enabling seamless data exchange, enhancing efficiency and response time
- Revamped user access with Azure Active Directory (AAD) for secure authentication and manage user access, while automating the CI/CD pipeline with Azure DevOps to reduce deployment time by 50%
- Engaged stakeholders across various projects using Agile methodology to contribute to architecture discussions, sprint planning, code reviews, and supporting UAT production deployments

Key Accomplishments:

Received "SPOT Award" for fixing 90% of security vulnerabilities in the PAANS application, significantly enhancing security and stability, leading to certification from Checkmarx and WhiteSource

Junior Software Engineer, AGSDO Pvt Ltd, Kurnool, India

04/20 - 10/21

- Collaborated with a team of 5 in a startup environment to contribute across the full spectrum of product development, employing a structured Software Development Life Cycle (SDLC) approach and Agile methodologies
- Developed a full-stack application, utilizing PostgreSQL for data storage and integrated with a React frontend for a seamless user experience
- Optimized SEO performance, leading to a 30% increase in search engine visibility and a 25% rise in user engagement through structured data implementation and page speed enhancements
- Resolved cross-browser compatibility issues, resulting in consistent performance and user interface rendering, reducing user-reported issues from 50 to 5 per month
- Enforced Test-Driven Development (TDD) practices with unit & integration tests, using Jest and React Testing Library (RTL) reducing overall bugs by 20%
- Improved infrastructure scalability with AWS services (DynamoDB, EC2), Docker, and Kubernetes, and streamlined CI/CD pipelines with Jenkins and Git, cutting average deployment times by 70%

PROJECTS

BookMart - Golang | ReactJS | AWS - DynamoDB, S3 | Tailwind CSS

- Implemented a full-stack web application designed as a digital marketplace for new and used books
- Utilizing a React front-end and Go-powered RESTful API, the platform is backed by AWS DynamoDB and S3 for data storage and image hosting
- Hosted on AWS EC2, it achieves response times within 50ms and robust security with JWT authentication, efficiently handling 1200 active users and managing over 10000 books

Wordle Clone [Git] - ReactJS | NodeJS | SCSS

- Developed a Wordle clone app using React.js, which replicates the popular word guessing game
- Achieved 15% improvement in user engagement through responsive design implementation

CERTIFICATIONS

- **Microsoft Certifications:** Azure Fundamentals (**AZ-900**), Azure Data Fundamentals (**DP-900**), Azure AI Fundamentals (**AI-900**), Power Platform Fundamentals (**PL-900**), Azure Administrator (**AZ-104**)
- **Coursera:** Building web applications in PHP, Python Programming for Everybody (**Link**)