

Bimbisara Pinnamaneni

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EXPERIENCE

Frontend Developer — NTT India GDC Private Limited, Bengaluru, India Jul 2021 – Aug 2022

- Directed integration of **AngularJS/TypeScript** components, collaborating across teams to implement Datatables for advanced table functionality and Highcharts for visualizing data across 6 applications within a feature-rich platform
- Developed 20+ optimized **GraphQL** queries to extract client data from ServiceNow ITSM and **MongoDB**, integrating results on the UI and reducing query response time by 30%
- Implemented rigorous validation processes to ensure UI quality and consistency in the Services Portal, driving a 15% increase in conversion rate and enhanced user engagement
- Optimized reusable components, directives, and pipes in the **Basecoat** UI library, adhering to brand guidelines; cutting rendering time by 25%, and enhancing overall performance
- Spearheaded unit-testing with **Jasmine** and **Karma** to ensure code integrity, optimized CI/CD pipelines in GitLab for streamlined production deployment, reducing post-deployment bugs by 10%

Frontend Developer — CONSULTUS, Bengaluru, India Dec 2020 – Jan 2021

- Leveraged the **Google Sheets API** and **JavaScript** to automate data integration and enhance portfolio functionality, improving user engagement by 20% through optimized interactions and performance
- Engineered an automated workflow using API integration to seamlessly import client feedback into spreadsheets, improving data organization, accessibility, and processing efficiency
- Devised an end-to-end testing strategy to ensure optimal responsiveness and cross-device rendering, boosting conversion rates by 10%

EDUCATION

M.S in Computer Science, California State University, Los Angeles, CA Aug 2022 – May 2024

- GPA: **3.87** [Software Architecture and Engineering, Networks and Security, Web Programming, Data Science, AI]

B.Tech in Computer Science and Engineering, REVA University, Bengaluru, India Aug 2017 – Jun 2021

- GPA: **3.83** [Data Structures, Algorithms, Operating Systems, Database Management, Data Mining, Big Data]

PROJECTS

LiteFlow — A Task Management Application Nov 2022 – Jan 2023

- Developed a robust task management application inspired by Jira, utilizing **Vue.js** for the frontend development, backend functionality with **Express.js**, and **MongoDB** for data storage
- Optimized backend architecture for scalability and performance, while implementing a responsive, intuitive UI that ensures smooth, fast user interactions and high accessibility
- Implemented user-centric features such as task prioritization, real-time updates, and role-based access control
- Validated API functionality with **Postman**, ensuring smooth data integration, and seamless communication between frontend and backend components

Stock Market Forecasting — UI Aug 2022 – Dec 2022

- Designed detailed user interfaces in **Figma**, aligning components and functionalities with project specifications for optimal usability and consistency
- Architected API data integration into interfaces with **AngularJS/TypeScript**, following wireframes, and leveraging **Tailwind CSS** for consistent styling, ensuring a cohesive and visually appealing user experience
- Developed and maintained comprehensive system architecture documentation, detailing data flow and implementation procedures, enhancing team efficiency and ensuring streamlined project execution

Web-based Expense Approval System Jul 2020 – Feb 2021

- Engineered a responsive web application using **JavaScript** and **PHP** for the Divine Mother and Child Health Program, optimizing the expense approval system with integrated business analytics, improving efficiency by 45%
- Integrated secure data storage using **MySQL** and real-time reporting features, enabling efficient expense tracking, and ensuring data integrity and transparency
- Developed core features, including OTP-based user authentication via **Fast2SMS**, interactive dashboards, seamless pagination, and advanced filtering, optimizing user experience across all devices
- Automated the approval workflow, eliminating manual processes, reducing paper usage, and cutting processing times from days to hours through streamlined digital solutions

SKILLS

Frameworks and Libraries — Next.js, React, Angular, Vue, Node.js, Express, Tailwind CSS, Framer, GSAP

Languages — TypeScript, JavaScript, HTML5, CSS3, Sass, Python, C/C++, Java

Database and Data Management — MongoDB, RESTful APIs, GraphQL, MySQL, Firebase

Development Tools and Methodologies — Figma, Adobe Illustrator, Postman, Webflow, Git, CI/CD, Jira, Unix