Parag Chaudhari

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Portfolio: https://paragchaudhari-76ce0.web.app/

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SUMMARY

Experienced frontend-focused full stack developer with 4+ years in web and mobile app development. Known for problem-solving, adaptability, and communication skills. Proficient in React.js, React Native, JavaScript (ES6), Node.js, npm, Python, MongoDB, PostgreSQL, and AWS. Prioritizes UX enhancement and smooth deployment for both web and mobile (iOS & Android). Additionally, passionate about AI, ML, and LLM models, continually exploring advancements in these areas to integrate innovative solutions into projects.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Go, Java.

Frameworks: React, React Native, SwiftUI, NextJS, Angular, Jest, Express.js.

Databases: MongoDB, Firebase, PostgreSQL, Oracle SQL.

Web & API: HTML, CSS, SASS, AJAX, REST, GraphQL, Apache.

Tools: VSCode, Jira, Trello, Git, Figma, Vite, Postman, Datadog.

Libraries: Redux, Bootstrap, MUI, Tailwind, Storybook, Plotly.js & Antd.

Cloud & DevOps: AWS, GCP, Azure DevOps, Docker, Jenkins.

Dev & Runtime Env.: Android Studio, Xcode, Node.js, MacOS, Win, Linux.

PROFESSIONAL EXPERIENCE

California State University, Los Angeles   *Full-Stack Web Developer | USA | Feb 2023 – May 2024*

- Built a Cal State LA web app with React, Node.js APIs, and MongoDB, ensuring code quality with linting. Tailored for community college transfer students, it streamlines academic transition with pre- and post-transfer advisement features.

Designare Solutions Pvt Ltd   *Senior Developer | Remote, USA | Nov 2022 - Oct 2023*

- Led the development of a Geospatial Network Management tool for AT&T, designing a distributed system with Python based RESTful APIs and microservices (Admin, Asset, & Approval). Worked on both service and client sides and documented APIs using Swagger.
- Directed UI development with HTML, CSS, JavaScript, React.js, Redux & Antd, integrating version control, build tools, and deployment scripts into Jenkins for efficient build cycles. Improved error detection with Crashlytics and Bugsnag.
- Utilized PostgreSQL for database operations, wrote SQL queries, production data update scripts and stored procedures, and optimized performance with explain plans. Troubleshot Jenkins build issues, generated performance metrics, and managed projects using JIRA.

Biz4Solutions Pvt Ltd   *Senior Programmer | India | May 2021 – Aug 2022*

- Architected a WCAG-compliant atomic design-based custom UI library for the HDFC Mobile Banking App, built components in isolation using Storybook, reducing UI development time by 30% and debugging time by 18%. Implemented rigorous quality assurance practices, including the use of ESLint and pre-commit hooks like Husky, resulting in streamlined processes and improved code quality.
- Utilized R8, Hermes, app minification, and tree shaking for better performance & security, reducing app size by 40%. Integrated lazy loading, code splitting, & optimized images, resulting in a 30% improvement in loading times and a 20% increase in user engagement.
- Conceptualized and implemented a solution utilizing Google's Vision API for OCR in bill payments, Geolocation API for location-based job and user profile listings, and Google MFA for enhanced security measures.
- Led 3 rapid TypeScript-based React.js & React Native application releases, reducing time-to-market by 6 months, & projecting a $0.3 million revenue increase through agile development, feature prioritization, & integration of pipelines for streamlined CI/CD processes.

Accenture   *Application Development Associate | India | Oct 2018 – Nov 2020*

- Enhanced Shell lubricants' UX by 75%, crafting interactive scalable dashboards with React.js, AJAX, and Chart.js maintaining top-tier code quality with 90%+ coverage using Jest, Mocha, and SonarQube, while ensuring cross-browser compatibility.
- Engineered RESTful APIs in Node.js with Express, seamlessly integrating with Oracle Database Cloud Service. Implemented GraphQL for enhanced query flexibility. Utilized BrowserStack for comprehensive cross-browser testing.

EDUCATION

- **Master of Science, Computer Science** *(Special Distinction - 4.0 GPA)*   *USA | Aug 2022 – May 2024*
  California State University, Los Angeles
- **Bachelor of Engineering, Computer Engineering**   *India | Aug 2014 – May 2018*
  Savitribai Phule Pune University

PROJECTS

- **Disaster Tweets Recognition:** Logistic regression-based disaster tweet classifier using NLP, employing meticulous pre-processing.
- **Dishcovery:** Designed UI and integrated AI models for an app that enables ingredient recognition and provides recipe suggestions.
- **ASL:** Developed a system using LSTM for American Sign Language recognition, facilitating communication through hand signs.
- **School Website:** Designed and implemented a static website using WordPress for a pre-primary Indian Air Force School.

ACTIVITIES & CERTIFICATION

- **Google Developer Student Club**: Served as Tech Lead at GDSC Cal State LA, organizing tech events & leading development sessions.
- **Graduate Assistantship:** Mentored, graded, and contributed to course development for CS4660 & CS5660.
- **Microsoft Technical Associate (MTA):** Awarded by Microsoft certification (F584-3487) in Software Fundamentals.