

Parth Sharma

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RELEVANT EXPERIENCE

Software Engineer | Life Stages

Sep. 2023 – Oct. 2024

- Developed the MVP for the **Align app** using Swift, SwiftUI, and Firebase, offering personalized habit-building interventions to promote sustainable mind-body health at users fingertips.
- Collaborated with a senior developer to design backend architecture of the final product using Node.js and Firebase, improving data retrieval speed by 40%, reducing query response time for designated API endpoints
- Engineered comprehensive REST APIs for the Align web app to manage privacy settings, user creation, and activity tracking; leveraged Firebase for real-time data synchronization, resulting in a 25% boost in user engagement

Web Developer | California State University, Fullerton

Jan. 2021 – Aug. 2023

- Developed and maintained the website for California's largest public university, serving over 40,000 students, using HTML, CSS, JavaScript, and best practices in responsive design and web performance.
- Led the redesign of the Academic Advising Center's website during the pandemic, improving access to advising resources by 25% and ensuring a seamless user experience across devices.
- Collaborated with advisors and developers to design and implement a semester planner tool, used by over 10,000 students annually to streamline course scheduling.
- Collaborated with cross-functional teams in an Agile environment, participating in weekly sprint planning, reviews, and retrospectives to ensure continuous delivery of features and updates aligned with stakeholder goals.

Junior Software Engineer | Tripcon Engineering Inc.

Aug. 2019 – Jan. 2021

- Helped expand the business to an international level by developing and maintaining full-stack web applications for the corporate website and e-commerce operations using Python (Django), HTML, CSS, and JavaScript, improving customer accessibility and increasing sales conversions by 52%.
- Produced and implemented 10+ RESTful APIs using Django REST Framework to streamline communication between frontend and backend systems, leveraging Django ORM for seamless data persistence.
- Collaborated with a team of 15+ members across multiple time zones in an Agile environment, actively contributing to sprint planning, weekly stand-ups, and peer code reviews
- Provided post-deployment support for web applications, managing case queues and resolving escalated tickets by debugging Python, JavaScript, and API-related issues, achieving 98% SLA compliance

PROJECT

Laguna Web App | *Visit live site*

Aug. 2024

- Launched a Django-based social media web application inspired by the facebook, utilizing Python, Django, JavaScript, HTML, and CSS to create a responsive and dynamic user experience.
- Implemented backend functionality using Django framework, including user authentication, profile management, and content administration, with deployment on Linode and AWS for scalable and secure hosting.
- Configured PostgreSQL as the database, ensuring robust data handling, smooth performance, and optimized query execution for a live production environment.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, Swift, R, SQL, PHP

Frontend: HTML, CSS, JavaScript, React, Typescript, Bootstrap, Tailwind, AngularJS, AJAX, Wordpress

Backend: Node.JS, MYSQL, Firebase, Mongodb, Redis, Springboot, PostgreSQL, Snowflake, FastAPI,

Tools/Technologies: Docker, OpenGL, QtCreator, TCP/IP, Postman, Git, RStudio, Jira/Confluence

Relevant Coursework: Algorithms, Artificial Intelligence, Data Science, Back-End Engineering, Physics

EDUCATION

Bachelor of Science in Computer Science

Fullerton, CA

California State University, Fullerton