

Parth Miyani

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Professional Experience

PNYX **Jul 2023 – Present**
Tempe, AZ
Front-End Developer

- Spearhead front-end development for a music streaming web app utilizing React, Flask, and PostgreSQL.
- Enhance user engagement by creating a visually immersive 3D background using CSS techniques.
- Utilize React Router for efficient navigation between pages, facilitating a smooth user journey.
- Integrated Thirdweb Wallet, a Web3 authentication solution with Web2 UX, for secure and decentralized user login.
- Implemented Docker to containerize project environment, leading to a 50% reduction in onboarding time and setup.

Szymon Zephan Capital Group **Jan 2023 – May 2023**
New York, NY
Software Developer Intern

- Developed dashboard for Customer Relationship Management (CRM) web app using React, including interactive charts and graphs created with react-chartjs2.
- Contributed to backend architecture of CRM dashboard, defining data models, relationships & developing secure REST API.
- Created bulk data insertion from Excel sheets with robust pessimistic locking mechanism and tested using Apache JMeter, preventing data conflicts and boosting user productivity by 80%.
- Developed unit and integration test cases using Django test and unittest, resulting reduction in API errors.

Intrisol **Jun 2019 – Jun 2021**
Ahmedabad, India
Web Developer

- Developed mobile-responsive product and cart page for e-commerce web app from design mock ups using React.
- Worked closely with backend developers to integrate front-end code with server-side logic using RESTful APIs.
- Utilized CSS preprocessors like Sass to streamline style sheet management and improve code maintainability.
- Maintained website content with GitHub and CI/CD, displaying an ability to adapt to evolving project requirements.

Skills

Languages: JavaScript, TypeScript, Python, Java, SQL, Dart, HTML/CSS.

Development: React, Redux, React Native, Spring, Django, REST APIs, GraphQL.

Tools: PostgreSQL, MySQL, JIRA, Git, CI/CD, Docker, Postman, Flutter.

Core-Competencies: Communication Skills, Networking, Teamwork, Decision-making, Detail Oriented.

Relevant Courses and Experience: Design Pattern, Agile methodology, Full Stack Software Development, Cloud Computing, Back-end Services, Data Structures, Algorithms, OOP, Unit Testing.

Projects

Parker | *Mobile app – Flutter, JAVA, REST API* **Jan 2022 – May 2022**

- Created end-to-end parking assistance utilizing Flutter and Google Authentication to provide a seamless user experience.
- Integrated Java server to handle API calls, identify nearest available parking spot, and payment system for parking charges.
- Designed sensor-based system to automate parking availability checks, reducing in 50% reduction in time on manual checks and improving efficiency.

Soccer Tournament | *Web app – Spring MVC, JSP, PostgreSQL, REST API* **Sep 2021 – Dec 2021**

- Led a team of 5 developers to build a soccer tournament web application with help of agile methodology.
- Incorporated scheduling for tournaments, registration for teams and tournament news leveraging spring MVC.
- Revamped website flows and features, performing robust error handling and unit testing, achieving test coverage by 95%.

Cricket Events Detection | *Web app – Python, SPARQL, AWS* **Sep 2021 – Dec 2021**

- Applied a spaCy-based named entity recognition and relation extraction model to identify sport events from Twitter data, reducing manual time and effort by 70%.
- Constructed a linked dataset of detected events on AWS Lambda and displayed data based on user-entered keywords through SPARQL queries with prescribed cricket ontology.
- Submitted paper to Semantic Data Integration Workshop (SDI 2022), showcasing expertise in semantic data integration.

Education

Arizona State University **Aug 2021 – May 2023**
Tempe, AZ
Master of Science in Software Engineering

Gujarat Technological University **Jun 2016 – May 2020**
Surat, Gujarat, India
Bachelor of Engineering in Computer Engineering