VEDANT PANCHAL, Software Engineer

Bengaluru, India, +917572890220, vedant.pan@outlook.com

GitHub, LinkedIn

PROFILE

Proficient in various frameworks, languages, and embedded systems. Experienced with the latest development tools and procedures. Able to effectively collaborate as a part of a productive team, or self-manage during independent projects.

EDUCATION

2018 — 2022

B.Tech., Indian Institute of Technology, Roorkee

CGPA: 7.885   Mechanical Engineering

EMPLOYMENT HISTORY

Jul 2022 — Dec 2023

Backend Engineer, MathWorks   Bengaluru

· Developed and managed services in Go that processed customer artifacts to generate reports. Maintained Istio mesh of microservices responsible for handling GBs of customer artifact.

· Fabricated a CI pipeline on AWS for applications in Software-defined vehicles. The work involved creating Embedded Linux environment to test the hardware code. This is leveraged by our exclusive customers for workflow across multiple hardware types.

· Refactored the codebase and added new data-models to view the requirements and dependency charts for AUTOSAR applications lined-up for cloud CI pipeline. This earlier supported MVVM architecture for the desktop-native view.

· Upgraded legacy CMake build systems for the leading open-source projects that the language department was contributing to. Consequently, also added improvements to the project design, discussions, and detailing the timeline regulated on Jira Structure.

· Misc: Scripts to automate activity updates during scrum calls, streamlining knowledge transfer processes

· Tech Stack: **Go, C++, GraphQL, Terraform, Istio, AWS, CMake**

2021 — Jul 2022

Software Engineer, Freelancing Work   Remote

· Provided clients assistance with designing, wireframing, and eventually getting the web-applications developed. Consistently delivered projects and maintenance work under promised timeline, managing work among multiple engineers.

· Tech Stack: **ReactJS, ExpressJS, Django REST, Kubernetes, Figma**

Oct 2020 — Jul 2021

Software Engineer, Explorin.io   Remote

· Developed a platform for time-bound tasks. Tracked various aspects of a user's learnings to provide well-detailed leaderboard and progress analytics. Incorporated a pipeline for processing and exporting data.

· Developed a platform where students can deploy their Python or NodeJS applications. They can boot up instances of deployed applications in dev or prod environments with relevant configurations and create database users and tables for the same.

· Misc: Curated content, targeting SEO for business page. Documented modules and formulated coding standards for a manageable clean code. Provided the new-joining team with a smooth onboarding.

· Tech Stack: **AWS, Django REST, Redis, Celery, ReactJS, Bootstrap, jQuery**

INTERNSHIPS

Apr 2020 — Jun 2020

Full Stack Intern, Shunya   Bengaluru

· Single-handedly developed a web app for video chatting with interactive storybooks, custom alerts, event scheduling, and booking. It was responsive and had robust authorized user-session management.

· Misc.- Led and represented the team of 4 interns. Hosted a design sprint and documented a design spec.

· Tech Stack: **React, Redux, Flask, AWS, WebRTC, Jitsi**

Aug 2020 — Sep 2020

Backend Intern, UniAcco   Mumbai

· Designed and developed a web-scraping pipeline and a notification delivery system for database changes.

· Delivered a PoC AWS Connect customer support system through cellular calls. Integrated webhooks for customer status updates using middleware in the business application.

· Tech Stack: **SQL, Django, BeautifulSoup, Selenium, AWS-boto3, AWS Connect**

SKILLS

JavaScript	Expert	**AWS**	Expert
Go	Experienced	**ReactJS**	Experienced
C++	Experienced	**NodeJS**	Expert
Python	Experienced	**Django REST**	Expert
Git	Expert	**Linux Scripting**	Experienced

ACHIEVEMENTS

UG Physics IAPT Olympiads 2019 Merit

Among top 1% in State

JEE Advanced

4433 All India Rank out of 0.23 million applicants

Ethereum Web 3.0

Qualified PoC: Blockchain-based data storage with RDF schema

LANGUAGES

English	Very good command	**Gujarati**	Native speaker
Hindi	Highly proficient		

REFERENCES

Nikhil Soni

Ex-CTO, UniAcco, UniCreds

+919758334169

Abel Babu

Engineering Lead, MathWorks

+918066325633

Ekta Grover

Founder, Shunya Inc.

ex-Chief of Staff to CTO, InMobi

+919980451995