Prajjwal Pandey

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Education

Rajkiya Engineering College, Sonbhadra   **2017 - 2021**
B.Tech in Computer Science & Engineering   *7.5/10 CGPA*

Work Experience

Remote Full Stack Freelance   **Feb 2024 – Present**
Full Stack Developer- Contract   *Delhi , Remote*

- Working for the performance improvement of a cricket fantasy website which is being used by 1000 users concurrently. Reduce the data real time loading via websockets. Optimize the various redundant api calls by parallel processing.Worked on Automatic Updation of scores and fantasy market updation
- Optimize the live scorecard apis by reducing the short polling time of the real time scores of the fantasy market by replacing it with websockets .
- Setting up the full codebase on remote server , dockerise the application and created ci-cd pipelines using github actions and automation workflow.
- Improve the loading time of the Frontend by caching the static assets over nginix and CDN.

Freshworks (Nasdaq based Saas Firm)   **July 2022 – Feb 2024**
Software Development Engineer   *Chennai , Tamilnadu*

- Backend Engineer in the Platform Service squad of Freshservice (core Product of Freshworks, serving 63k+ worldwide customers).
- Successfully handled 60+ real-time customer support tickets across various critical areas such as Analytics, Data Migration, Caching, Search Service, Sandbox, Dashboard, maintaining a stellar 95 percent on-time resolution rate.
- Delivered the Epic: Itil Module Information Flow – Implemented Multi Associations in Ticket/Change/Problem Modules of Freshservice, ensuring data consistency of the Central Payload. This feature benefited downstream services like MarketPlace, Central Activity, Analytics. Active customers of this feature include McDonald's, Indigo, Webhelp
- Successfully developed the Hard Deletion feature for Ticket Archival, reducing server load by 90older than 6 months.
- Owned and Accomplished the integration of Ticket Archival in Freshservice Mobile APIs, including unit testing using RSpec, built from scratch and delivered on time .
- Improved code quality by writing over 50 RSpec automation cases, resulting in an impressive increase of code coverage by 85% Significantly.

MortgageKart (UK based Fintech Startup)   **Aug 2021 – June 2022**
Software Development Engineer   *Pune , Maharashtra*

- Worked On the backend part of Fintech Application MortgegeKart using Nodejs,Mongodb
- Created Various Rest Apis and Unit Tested them for Production Ready Code
- Have done Code Optimization,Reduce Code Reduncancy , Code Refactoring,Code Restructuring for Various Microservices and Make the Overall Performace Better.
- Integrated the logger functionality using datadog in all the micro services.
- Tech Stack and tools - javascript, Nodejs , Mongodb , Postman ,Robo3t , Datadog, docker

ADVENIO TECHNOSYS (healthcare Startup)   **Feb 2021 – July 2021**
Software Development Engineer Intern   *Chandigarh , Remote*

- Worked on the HealthCare Application Telemed and built new features using React , Redux,javascript,css , Material-UI
- Built Features for Progressive Web Apps using IndexedDB storage
- Tech Stack and Technology Used - React,Redux,Material-UI,postman.

Projects

Socket Apps : A set of applications build on top of p2p socket connections.　　　**Source Code**

- A P2P file sharing system which completely works on websocket connection , users can share and receive pdf files , images by creating there seperate group.
- A collaborative text transfer system where we can transfer text to a group of connected people and users can listen to the written text by text to speech api
- A collaborative whiteboard where we can draw using differnt colours, erase and reset the whiteboard and users can saw the draw progress in real time.

Investor Connect : An application for developers to show their ideas and connect to Investors.　　**Source Code**

- A web application where we can post our project ideas as developer and owner of project.
- Project owners can raise funding request on the project and investors can invest money on the idea.
- Investors and Project owners can chat with each other.
- Dashboard for project owners can investors to view their investments and projects by applying filters and sort it accordingly.

Gfg Reader : An application which scrapping Geeks for Geeks articles　　　**Source Code**

- A Full Stack Web Application where you can read all the articles (over 35000+ articles) of GEEKS FOR GEEKS directly on this platform which will provide additional functionality to query , search and sort the articles
- Kaggle dataset of geeks for geeks used forthis project.
- cheerio npm package is used for web scrapping of articles.
- User authentication using jwt where each user can save theirfavourite articles.
- Filter Articles on the basis of difficulty , authorId ,Search query

Technical Skills

Languages: C++, JavaScript , Ruby
Backend: Node.js, Express.js , Ruby on Rails , DSA , System Design , Design Patterns
Frontend: React, TailwindCSS, HTML, CSS, Bootstrap , Material UI , Redux
Clouds & Databases: AWS , GCP , PostgreSQL , Mysql , MongoDB , Redis
Web Technologies: Docker, Socket.IO, Kubernetes , Nginix , Jenkins , CI-CD pipelines
Testing Frameworks Rspec , Cypress
Monitoring Tools Datadog , Haystack , Apache Kafka

Coding Profile

- Geeks For Geeks
- Leet code