Vivek Deepak Hiray

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# Professional Summary

Experienced Software Engineer specializing in Full Stack Development with a strong background in React, NodeJS, MongoDB,

PostgreSQL, Prisma, Typescript and JavaScript. Proven ability to deliver scalable solutions, optimize performance, and drive operational efficiency. Skilled in subscription management systems, IoT data retrieval, secure payments, and user-friendly dashboards. Committed to leveraging technical expertise to deliver high-quality software solutions that meet business

Needs.

Experience

**ALT Mobility** | SDE-I

March 2024 - Present

* Engineered a backend solution for real-time battery performance monitoring, extending battery lifespan by 20%.
* Deployed a full-stack solution for deep discharge, low utilization, and offline vehicle alerts, reducing downtime by 15%.
* Built a system for real-time telemetry data from 500+ IoT-enabled electric vehicles, boosting data accuracy and operational efficiency by 30%.
* Added two-factor authentication with TOTP and SMS OTP, reducing unauthorized access incidents by 40%.
* Launched the Driver-Cum-Owner product, facilitating 50+ new driver onboarding’s in one month.
* Implemented a payments system using Easebuzz and Zoho Books APIs, ensuring PCI-DSS compliance and managing 300+ monthly transactions.
* Developed a system for dynamic lease payment calculations, optimizing processing times for 50+ drivers.
* Introduced a flexible payment plan for security deposits, benefiting 20+ drivers over 45 days.
* Improved the payment system with webhooks and refund APIs, reducing transaction errors by 25%. Built an automated system for tracking outstanding payments, decreasing delays by 15%.

**Accenture** | Software Engineer Frontend October 2021 - February 2024

* Developed a comprehensive system for managing subscriptions, including trials, conversions to paid, and renewals, ensuring timely reminders using SendGrid.
* Built and managed email templates for personalized notifications on subscription status, utilizing SendGrid to automate and streamline communication.
* Created a user-friendly dashboard for managing subscriptions, providing real-time insights for product owners and managers.
* Implemented robust API endpoints (GET, POST, PUT, DELETE, and PATCH) to enhance the functionality and integration of the subscription management system.
* Enabled efficient tracking of subscription statuses (active, expired, renewal needed), improving overall user experience and operational efficiency.

# Projects

**NetflixGPT** | Personal Project [*(link)*](https://polite-syrniki-e84ff7.netlify.app/)

## Features:

* User authentication with Firebase and Tailwind CSS for responsive design.
* Dynamic movie browsing with trailers and suggestions.
* TMDB API integration for movie data and Multi-language support.
* GPT-powered search functionality.

## Tech Stack:

* React, Redux, JavaScript, Tailwind CSS
* Firebase, TMDB API, OpenAI GPT API

## Project Description:

January 2024 - January 2024

NetflixGPT is a dynamic movie browsing app showcasing my skills in React, Firebase, and API integration. Features include user authentication, responsive design, and GPT-powered search for an enhanced user experience.

**SoundCloud Clone** | Personal Project [*(link)*](https://mysoundcloud-clone.netlify.app/)

## Features:

* Achieved continuous audio playback and precise progress tracking.

September 2023 - October 2023

* Implemented robust user authentication and authorization via JWT tokens, covering login, signup, and password updates.
* Enhanced user experience with pagination and the ability to manage favorite songs.
* Optimized search functionality with debouncing for efficient and responsive results, backed by Redux for seamless global state management.

**Tech Stack:** React, Redux, JavaScript, JWT, HTML, CSS, Bootstrap.

**Description:** SoundCloud Clone is a music streaming web application that I developed to showcase my skills in front-end development. It features a user-friendly interface, user authentication, audio playback, and various interactive

Functionalities, enhancing the user's music streaming experience. This project allowed me to demonstrate my proficiency in React, Redux, and web development best practices.

**Instagram Clone** | Personal Project [*(link)*](https://instagram-clone-nsm6.onrender.com/)

## Features:

* Implemented JWT-based user authentication and authorization for secure signup and sign in.
* Developed UI for profile and home pages, allowing users to upload and update profile pictures.
* Enabled post creation, deletion, liking, and commenting with Node.js API integration.

July 2023 - July 2023

* Implemented follow/unfollow functionality and enabled users to search for other users based on usernames.

**Tech Stack:** MERN stack, Cloudinary, Nodemailer.

**Description:** This Instagram clone project replicates popular social media features, including user authentication, profiles, posts, likes, comments, follows, and search.

# Education

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Degree/Examination | Institution/Board | CGPA/Percentage |
| 2021 | Bachelor of Engineering (Information technology) | Smt. Kashibai Navale College Of Engineering, Pune | *8.01/10.0* |

# Certifications

**Newton School** | Full Stack Development

* Actively participated in weekly contests and completed assignments, reinforcing my skills and knowledge.
* Developed web applications using HTML, CSS, and JavaScript, with a focus on UX and responsive design.
* Worked with a diverse tech stack including Java, HTML, CSS, JavaScript, React, Node.js, and Bootstrap.

July 2023

# Skills

Computer languages  HTML, CSS, JavaScript, C, SQL, Java, Typescript

Software Packages  NodeJS, AngularJS, MySQL, React, Mongo DB, PostgreSQL, Prisma, NextJS

Additional Courses Taken  Data Structure

# Co-Curricular Activities

Co-Coordinator of Sinhgad Karandak (2020)

TECHTONIC Event Management (2019) Technical Events Organized by IT Department