Vipul Chauhan

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PROFESSIONAL EXPERIENCE

Compro Technologies Private Limited   **Delhi, India**
Software Engineer (1.2 Years)   *03/2022 – Present*

- Ideated and developed **Webbook Module** and led the **design architecture** of the module which is used across 3 different products using different technologies.
- Implemented a chat forum feature for [ComproDLS Engage](#) where teachers can create discussion threads with multiple students and discuss classes, exam questions or any other topic. Used React.js and node.js.
- Optimized application's performance by reducing Javascript execution time from average 8 seconds to an average of 2.2 seconds in browsers reported by google lighthouse.
- Built features to preview interactive quiz created by instructor, read and highlight text on web pages.
- Created **Webpack Plugin** to deploy web applications on Amazon AWS S3 and **CI/CD** pipelines to deploy webbook module's release packages.
- Reduced manual workload by 90% by automated updation of JSON files based on contents updated in Git Repos using **Shell Script,** and **Git Actions/Workflow.**

Oodles Technologies Private Limited   **Gurgaon, India**
Associate Software Developer (1.4 Years)   *11/2020 - 02/2022*

- **[AIForYou](#) -** Developed Web Application to demonstrate interactive analysis of Videos and Images using **Google's Video AI** and **Vision AI** in Angular 7 and Django(Python) and deployed the app on Amazon EC2 (Ubuntu) using Docker Containers.
- **[AIForYou](#) -** Created Admin Dashboard to track **real-time user data** such as user retention, time spent on application per user, earnings tracking.
- Coded Proof Of Concept on React Native Web to click or upload images of bills on any device (web, Android, IOS) using the same code base and display analyzed data to the user.
- **FastParcel -** Built an app to provide a parcel delivery service with features like home pickup and delivery option, live delivery agent tracking system, user authentication, PWA in Django(Python).
- **[ExamWorks](#)** - Implemented feature to create doctor's prescription notes using mp3 audio files, live microphone feed. Used [grpc-web](#) to integrate gRPC in AngularJS and send audio buffer to backend and receive text stream to be written in notepad on browser and then save it.
- **TripSalam -** Application to book hotels using SDK provided by booking.com. Integrated APIs and User Interface in Angular 8.
- **CRM -** Web Application for Call Center Agent to manage customer communication. Implemented APIs and User Interface in Angular 9 and deploy chat bots on various platforms like web, whatsapp, telegram, etc.

Capgemini   **Mohali, India**
Internship (3 Months)   *01/2020 - 03/2020*

- Solved problems in Python.
- Created Extract, transform, and load (ETL) tasks in SSIS, SSAS.
- Generate clean data reports in Power BI.

CERTIFICATIONS

Back End Development and APIs ([View Here](#))

- Completed a certified course on Back End Development and APIs from [freecodecamp.org](#) where I coded microservices like url shortener, exercise tracker and solved problems related to node and express and mongoDB.

EDUCATION

Chandigarh University   **Punjab, India**
Bachelor's degree in Computer Science Engineering   *07/2016 - 08/2020*

SKILLS

Front-End Development: React.js, Redux, Javascript, HTML, CSS, Typescript, Styled Components, Material UI.
Back-End Development: Node.js, Python, Express.js, Django, MySQL, MongoDB.
Other technical skills: HLD, LLD, Docker, Amazon AWS (S3, CloudFront, EC2), CI/CD, Shell, Jira, Webpack, NPM.