

Himanshu Bohra

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EXPERIENCE

Software Engineer

June 2023 – Present

GreyB

Mohali, Punjab

- Successfully delivered over **35+** new features and implemented **REST APIs**, resolved more than **100 bugs**, enhanced **15+ UI/UX** aspects, and authored **200+** backend test cases using **Test-Driven Development (TDD)** principles.
- Implemented Scripts on Slate that fetch data from multiple databases and give insight into the patent portfolio that runs as a job on **Rabbitmq**.
- Implemented **SAML SSO** with Azure AD of Client.
- Improvement of Slate site rendering time by loading it under 1 second, by configuring **Webpack** bundling.
- Implemented **Firebase Push Notification** in Slate discussion and email notification with **Rabbitmq**.
- I worked on **Chrome Extension** to implement content script in Slate for specific clients.

Junior Software Engineer

Jan 2023 – May 2023

GreyB

Mohali, Punjab

- Implemented a weekly automated script and CI/CD pipeline to process and publish patent data, identifying potential future assignees based on the inventor's past collaborations and domains.

PROJECTS

Conversational Chatbot with Voice Interaction | *FastApi, RAG, OpenAI, Vanilla Js,*

- Developed an interactive chatbot capable of retrieving patent data and delivering results to users through both text and voice interactions.

Health Check-Up | *Django, ReactJs, AI/ML*

- Developed a Health Checkup web app using AI for disease classification from MRI images and symptom-based predictions.

Smart Hire | *FastApi, Vanilla Js, IBM Watson*

- Developed an AI-powered application to automate the hiring process, incorporating personality prediction, video and tone analysis, as well as automated communication for efficient and insightful candidate evaluation.

TECHNICAL SKILLS

Languages: C/C++, Python, Javascript, SQL (Postgres), Typescript

Frameworks and Libraries: Django, Django Rest Framework, FastAPI, VueJs, ReactJs, Firebase

Others: Git, Docker, RabbitMQ, Bash/Linux, VS Code, RESTful API, Data Structure and Algorithms

ACHIEVEMENTS

- Finalists at Smart India Hackathon 2022.
- First Prize at Holiday Hacks Hackathon 2022 organized by Shri Shankaracharya Technical Campus.
- Second Prize at HackUIET Hackathon 2021 and won prize for best project in AI theme.
- Second Prize at "What the Hack" Hackathon 2022.
- Published conference paper titled - "Improved Alzheimer Detection using Image Enhancement Techniques and Transfer Learning" in IEEE.

EDUCATION

B.E Electronic and Communication *Panjab University*

8.7 CGPA

2019-2023

CERTIFICATION

- HTML, CSS, and Javascript for Web Developers
- Front-End Web Development with React