ANSIL RAHMAN

# PYTHON FULL STACK DEVELOPER

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# SUMMARY

Python Full Stack Developer with strong expertise in Django, Python, and React.js. Experienced in building scalable, user-centric web applications that enhance efficiency and satisfaction. Dedicated to continuous learning and contributing innovative solutions to drive organizational success.

# SKILLS

* **Languages** -Python, C
* **Front-end Development** - React.JS, JavaScript, HTML, CSS, Bootstrap, Tailwind CSS
* **Back-end Development** - Django, Rest Framework, MVT Architecture, ORM
* **Database** - PostgreSQL, MYSQL, MongoDB, Firebase
* **Cloud and Services** - Backblaze, Utho, AWS, MSG91
* **Tools and Concepts** - Figma, GIT, Postman, RDBMS, NGINX, Vercel
* **Familiar with** - Java, Next.JS, Redux, Sanity, Docker, Data Structures and Algorithms

# PROJECTS

**Backpackerz - A Comprehensive Travel Booking Platform** [GitHub](https://github.com/ansilrahman777/backpackerz) Backpackerz is a travel booking platform allowing users to book tourist packages, resorts, and hotels. It enhances user experience with personalized features, secure payments, and real-time chat support, and scales effectively to handle high booking volumes.

* **Conceptualized and prototyped** the frontend in **Figma**, building an intuitive user interface using

**React.js** and **Tailwind CSS**, ensuring smooth navigation and user interaction.

* **Engineered** a backend with **Python Django** and **Django Rest Framework**, developing RESTful APIs and optimizing database performance using **PostgreSQL** to handle regular data queries.
* **Integrated** secure user authentication using **JWT** and **Google OAuth**, improving login efficiency and reducing authentication time by 30%.
* **Implemented** real-time chat functionality using **Django Channels** and **Redis**, enhancing commu- nication between users and admins.
* **Deployed** the frontend on **AWS Amplify** and backend on **AWS EC2**, ensuring stable performance using **NGINX** and **Gunicorn**.

**Technologies Used:** Django, Django Rest Framework, React.js, JWT, PostgreSQL, Tailwind CSS, Figma, AWS, NGINX, Gunicorn

**VOXY - E-commerce Platform for Sports Gear** [GitHub](https://github.com/ansilrahman777/Voxy) Voxy is an e-commerce platform for sports gear enthusiasts, featuring key functions like product listings, cart management, secure payments, and wallet integration.

* **Orchestrated** the design and development of a responsive frontend using **HTML**, **CSS**, **Bootstrap**, and **AJAX**, reducing page load time by 40% and enhancing user engagement.
* **Built** the backend using **Python Django** following **MVT architecture**, and managed data efficiently through **PostgreSQL**, ensuring stable database operations.
* **Implemented** email authentication and integrated **Razorpay** for payment processing, handling multiple transactions smoothly.
* **Deployed** the application on **AWS EC2** and managed domains through **Route 53**, ensuring reliable server performance with **NGINX** and **Gunicorn**.

**Technologies Used:** Django Framework, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, AWS (EC2, Route 53), Gunicorn, NGINX

# MINI PROJECTS

**To-Do App** [GitHub](https://github.com/ansilrahman777/Todo)

* Seamlessly organize your daily tasks with style and simplicity. Crafted with **React**, leveraging the use of **React Hooks** and popular React libraries. The application allows users to easily add, edit, and remove their tasks, providing an intuitive and efficient task management experience.

**Gen Image** [GitHub](https://github.com/ansilrahman777/GenImage)

* Gen Image is an **AI-powered** application built with **Django** that generates unique images based on user-provided text prompts, leveraging **OpenAI’s** cutting-edge technology for creative and dynamic visual outputs.

**Repo Finder** [GitHub](https://github.com/ansilrahman777/RepoFinder)

* Discover GitHub repositories with ease. Built with **Django** and the **GitHub API**, this app offers a seamless search experience and detailed repository insights. The frontend is designed using **HTML** and **Tailwind CSS** for a clean, responsive interface.

**Netflix Clone** [GitHub](https://github.com/ansilrahman777/Netflix)

* Bringing the cinematic experience to your screen. Featuring a seamless UI and dynamic content sourced through the **TMDB API**, crafted with **React.js**, and utilizing **Axios** for smooth API integra- tion.

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| **EDUCATION** |  |
| **Python Full Stack Development**  Brototype Academy Kochi | (2023-2024) |
| **MSc PHYSICS** *|* MG University  Indira Gandhi College of Arts & Science | (2020-2022) |
| **BSc PHYSICS** *|* Calicut University Mes Kalladi College Mannarkkad | (2017-2020) |