

# ASIM P A

## FULL STACK DEVELOPER

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### PROFILE

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Highly motivated **Full Stack Developer** with hands-on expertise in Django, Python, and React.js. Demonstrated ability to deliver high-quality solutions in fast-paced environments, enhancing efficiency and user satisfaction. Seeking challenging opportunities to contribute technical skills and experience to drive organizational success and growth.

### PROJECTS

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#### ZIRA | E-Learning Platform

[Live](#) | [GitHub](#)

ZIRA is a comprehensive e-learning platform enabling students to seamlessly purchase and learn various course modules, and interact with tutors. With an intuitive design and personalized user experiences, the application features robust user authentication, secure payment options, and chat functionality to enhance customer support and engagement.

- Designed and developed prototypes in **Figma**, ensuring alignment with project objectives and user needs. Created an intuitive frontend using **React.js** and **Chakra UI**, and utilized **Redux** for global state management.
- Built a robust backend with **Python Django** and **Django Rest Framework** for scalable API services and utilized **PostgreSQL** for efficient database management.
- Implemented authentication and authorization using **JWT** and integrated payment processing with **Stripe**.
- Implemented real-time chat functionality between students and tutors using **Django Channels**, **WebSocket**, and **Redis**.
- Deployed frontend on **AWS Amplify** and backend on **AWS EC2** with **NGINX** and **Gunicorn**.

**Technologies Used:** Django, Django REST Framework, React.js, Redux, WebSocket, Stripe, Axios, JWT, PostgreSQL, Chakra UI, Figma, AWS, NGINX, Gunicorn.

#### RWM | E-commerce Platform for Bicycles

[Live](#) | [GitHub](#)

RWM is an advanced e-commerce platform specifically designed for purchasing a wide range of bicycles. It offers a seamless and secure online shopping experience. The platform includes essential e-commerce functionalities such as product listing, cart management, order processing, coupon offers, and an integrated wallet.

- Designed and developed prototypes in **Figma**, ensuring alignment with project objectives, and created a responsive and intuitive frontend using **HTML**, **CSS**, **Bootstrap**, **JavaScript**, and **AJAX**.

- Developed using **Python Django** framework, following **MVC** architecture and **ORM** queries. Utilized **PostgreSQL** for efficient and reliable database management.
- Implemented authentication with email verification. Integrated **Razorpay** for seamless payment processing.
- Deployed the application on **AWS EC2** and ensured smooth server operations using **NGINX** and **Gunicorn**.

**Technologies Used:** Django Framework, Django ORM, PostgreSQL, HTML, CSS, Bootstrap, JavaScript, AJAX, AWS EC2, Gunicorn, NGINX.

## MINI PROJECTS

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### NETFLIX CLONE

[GitHub](#)

- 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 integration.

### OLX CLONE

[GitHub](#)

- Revolutionizing the online marketplace with a responsive and user-friendly interface. List, buy, and sell effortlessly. Leveraging **React.js** for a modern reactive UI and **Axios** for seamless API integration with **Firebase**.

### TO-DO APP

[GitHub](#)

- 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.

## SKILLS

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- **Languages:** Python, JavaScript (Intermediate)
- **Fundamentals:** Data Structures and Algorithms, Object-Oriented Programming (OOPs)
- **Frontend Development:** React.js, Redux, HTML, CSS, Bootstrap, Chakra UI
- **Backend Development:** Django, Django ORM, REST API, JWT (JSON Web Token)
- **Database:** PostgreSQL, MongoDB
- **Deployment:** AWS EC2, NGINX
- **Tools:** Git, Postman, Figma, Firebase.

## EDUCATION

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**Full Stack Development**

2023 - 2024

Brototype, Ernakulam

**Diploma in Electrical and Electronics**

2016 - 2019

Malabar Polytechnic Campus, Palakkad