

SHUHAIB P M

Python Full Stack Developer

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PROFILE

Enthusiastic **Python Full Stack Developer** with hands-on experience in **Python, Django, REST APIs, ReactJS, PostgreSQL**, and **Machine Learning (XGBoost)**. Currently interning at Luminar Technolab, developing full-stack web applications, and integrating predictive analytics. Skilled in **Agile development, API design, and database optimization**, with a strong interest in scalable backend solutions.

WORK EXPERIENCE

Python Full Stack Developer Intern

July 2025 – Present | Calicut, Kerala

Luminar Technolab

- Developed and maintained **RESTful APIs** using Django and Python, improving data handling speed by **30%**.
- Built interactive **ReactJS** front-end components and integrated with backend services.
- Worked in **Agile/Scrum** environment, collaborating with cross-functional teams.
- Implemented **unit testing** and Git-based version control for collaborative development.

Junior Full-Stack Developer Intern

Nov 2021 – Feb 2022 | Calicut, Kerala

Vitez Lab Pvt. Ltd.

- Designed and developed web applications using **Python, Django, and MySQL**, enhancing operational efficiency.
- Assisted in building **responsive front-end interfaces** using **HTML, CSS, JavaScript**.
- Collaborated with senior developers in deploying applications to production servers.

PROJECTS

HydroPredict

Apr 2025

Real-Time Dam Inflow Prediction System

- Technologies: **PHP, Django, ReactJS, PostgreSQL, XGBoost, REST API**
- Built a **predictive model (85% accuracy)** for dam inflow forecasting, enabling better water management.
- Developed a web dashboard for **real-time dam monitoring** and early flood alerts.

SoftLab

Jun 2024

Digital Laboratory Stock Management System

- Technologies: **ReactJS, PHP, MySQL**
- Designed a system to automate laboratory inventory tracking, reducing manual errors by **40%**.
- Developed a secure **multi-user access control** module with audit logging.

TECHNICAL SKILLS

Programming: Python, PHP, JavaScript, C, Java

Frameworks: Django, ReactJS, REST Framework

Databases: MySQL, PostgreSQL

Tools: Git, GitHub, VS Code, PyCharm

Other Skills: Machine Learning (XGBoost), API Development, Unit Testing

EDUCATION

B.Tech in Computer Science and Engineering

Oct 2022 – May 2025 | Painavu, Idukki

APJ Abdul Kalam Technical University

Diploma in Computer Engineering

Aug 2019 – Apr 2022 | West Hill, Calicut

State Board of Technical Education

Plus Two

Aug 2017 – March 2019 | Malappuram

Board of Higher Secondary Education

RELEVANT COURSEWORK

Data Structures, Algorithms Analysis, Database Management, Operating System, Network Security, OOPS Concepts, Computer Architecture