

# ABHINAV B

📍 Calicut, Kerala, India

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## SUMMARY

Full Stack Developer with hands-on experience in building scalable web applications using Django, Django REST Framework, and React. Skilled in developing real-time systems, implementing secure authentication (2FA), and integrating APIs. Proven ability to deliver complete solutions including backend, frontend, and deployment.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript

**Frameworks:** Django, Django REST Framework (DRF), React

**Frontend:** HTML, CSS, Bootstrap, Tailwind CSS

**Databases:** MySQL, SQLite

**Tools & Platforms:** GitHub, GitLab, Postman, Visual Studio, Nmap, MobaXterm

**Other Skills:** Linux (Ubuntu, shell commands, server handling), API Integration

## WORK EXPERIENCE

### Python Full Stack Developer

Nov 2025 – Present

#### Sam Softwares, Thrissur, Kerala

- Contributing to the development of a comprehensive HR Management System
- Developed and maintained the frontend using React, ensuring responsive and user-friendly UI
- Built backend APIs using Django, implementing secure authentication with Bearer Token
- Designed and implemented role-based access control (RBAC) for system security
- Developed core modules including employee management, attendance tracking, and admin workflows
- Deployed and managed applications on AWS, ensuring scalability, performance, and reliability

### Python Full Stack Developer

Nov 2024 – Jan 2025

#### Emayam Technologies Pvt Ltd, Chennai

- Developed an employee monitoring system using Django REST Framework
- Implemented Two-Factor Authentication (2FA) using Google Authenticator
- Built modules: Admin Dashboard, Roles & Permissions, Task Management
- Designed systems for employee tracking, productivity monitoring, and reports
- Improved system security and access control mechanisms

### Python Full Stack Developer

Jun 2024 – Nov 2024

#### Alzawiatech Pvt Ltd, Malappuram

- Developed Edusoft, a complete School Management System
- Implemented dynamic role-based access system (Super Admin control)
- Integrated Twilio API for WhatsApp notifications (fees, attendance, updates)
- Automated workflows to improve system efficiency and user experience

### Python Full Stack Developer

Oct 2023 – Apr 2024

#### Soft Solutions, Ernakulam

- Completed intensive training in Python and full stack development
- Collaborated with team to build and enhance application features
- Gained hands-on experience in real-world software development

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## PROJECTS

### Helder Zon Energy – Full Stack Web Application (FREELANCE WORK) [🔗 www.helderzonenergy.com](http://www.helderzonenergy.com)

- Engineered a comprehensive full-stack solution from scratch, solely managing frontend, backend, and DevOps.
- Built a feature-rich admin dashboard with integrated modules for client/staff management, payroll, and real-time profit/loss tracking.
- Successfully deployed and maintained the production environment on DigitalOcean, delivering a scalable end-to-end product.

### Royal Cruise Career – Recruitment Application (FREELANCE WORK) [🔗 www.royalcruisecareer.com](http://www.royalcruisecareer.com)

- Full-Stack Engineering: Architected an end-to-end recruitment portal for a Kochi-based agency, managing frontend, backend, and cloud infrastructure.
- Rapid UI Development: Developed a mobile-first interface using Tailwind CSS, delivering high performance and a modern UX without design bottlenecks.
- Cloud Deployment: Managed the full production pipeline on DigitalOcean, utilizing Linux administration to ensure a secure, scalable environment.

### Foresight Institute – Web Application (FREELANCE WORK) [🔗 www.foresightihm.com](http://www.foresightihm.com)

- Architecture: Engineered a multi-user platform with isolated database schemas and portals for Students, Teachers, and Admin.
- Core Modules: Developed centralized attendance tracking and management systems, streamlining administrative workflows.
- Full-Stack: Owned the entire development lifecycle and DigitalOcean deployment for a secure, production-ready environment.

### Holyway Travels – Website (FREELANCE WORK) [🔗 www.holywaytravels.com](http://www.holywaytravels.com)

- Developed a responsive, SEO-optimized React & Custom CSS site; managed the complete Git-to-Domain deployment and DNS setup.

### Feature Detection & Texture Analysis Lab (FREELANCE WORK)

- Implemented and compared SIFT, ORB, LBP, and GLCM techniques using Python
- Performed analysis and performance comparison with report documentation

### UrbanVox – E-commerce Website

- Developed a full-stack e-commerce application using Django and frontend technologies
- Implemented features like product listing, shopping cart, and checkout

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## EDUCATION

### Bachelor of Science in Computer Science

University of Calicut, Sree Narayana College

2020 – 2023

### Higher Secondary School

K P E S Higher Secondary School, Computer Science

2018 – 2020

### SSLC

Velom High School

2017 – 2018

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## ADDITIONAL INFORMATION

- **Languages:** English, Malayalam, Hindi.
- **Certifications:** Python Full Stack Development
  - Foundations of Cybersecurity – Google
  - Play It Safe: Manage Security Risks – Google
  - Connect and Protect: Networks & Network Security – Google
- **Interests:** Software Development, Exploring New Technologies, Enhancing Communication Skills