

AASIF RAHMAN M B. Tech. (ECE)

Full Stack Developer
Karaikal

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EXECUTIVE SUMMARY

Skilled Software Developer with expertise in Python, backend architecture, and system automation. Experienced in building scalable solutions and optimizing workflows in both freelance and full-time roles. Passionate about continuous learning, mentoring, and sharing knowledge as a technical lecturer and motivational speaker. With an entrepreneurial mindset, I aim to leverage my technical and leadership skills to drive innovation and foster growth in the tech industry.

TOOLS & TECHNOLOGIES

- **Programming Languages:** Python, Shell, JavaScript, C, C++
- **Frameworks & Libraries:** Flask, Django, Django REST Framework, Fast API, React JS, Channels, Celery, AsyncIO, boto3
- **Backend Technologies:** Microservices, Docker, Kafka, HBase, OCR, ADB, API Integration
- **Cloud & DevOps:** AWS (Lambda, EC2, S3), Docker, Kubernetes, CI/CD Pipeline
- **Database Management:** SQL, PostgreSQL, MongoDB, NoSQL, Database Optimization
- **System Administration:** Linux, Unix, System Optimization, Server Configuration, Network Configuration
- **Automation & Scripting:** Python Automation, Shell Scripting, Mobile Automation
- **Web Technologies:** REST APIs, Full-Stack Web Development (Django, React JS)
- **Software Development Tools:** Git, Jira, Confluence
- **Version Control:** Git, GitLab, GitHub
- **Data Processing:** Real-time Data Processing, Data Streaming, Data Pipelines
- **Security & Authentication:** OAuth, SFTP, Secure Data Transfer
- **Agile Methodology:** Scrum, Sprint Planning, Continuous Delivery, Cross-Functional Collaboration

WORK EXPERIENCE

Uplight (formerly AutoGrid) | Full-time | Remote

Software Development Engineer – I | February, 2023 - Present

- Continued optimizing system performance and data management post-acquisition, enhancing scalability, automation, and cloud-based solutions with Python, Docker, Kafka, and HBase.
- Developed and optimized Python scripts, microservices, and algorithms for backend systems, focusing on real-time data processing and containerized deployments.
- Worked with AWS Lambda, EC2, and SQL/NoSQL databases to create scalable, reliable solutions.
- Applied Agile methodologies, collaborating cross-functionally to drive continuous delivery and process improvements during the AutoGrid to Uplight integration.

Freelance | Full-time | Hybrid

Software Developer & Technical Consultant | May, 2022 - Feb 2023

- Delivered web and mobile app solutions, backend systems, and automation tools using Python, Django, React JS, and AWS.
- Specialized in microservices, asynchronous programming, and cloud services like AWS EC2/Lambda.
- Optimized business processes and streamlined workflows for various clients.

Decision Point Analytics | Full-time | Remote

Software Development Engineer | Nov 2021 – May 2022

- Delivered web and mobile app solutions, backend systems, and automation tools using Python, Django, React JS, and AWS.
- Specialized in microservices, asynchronous programming, and cloud services like AWS EC2/Lambda.
- Optimized business processes and streamlined workflows for various clients.

Freelance | Full-time | Hybrid

Junior Software Developer & System Admin | Jan 2021 – Nov 2021

- Developed Python and shell scripts for automation, built full-stack Django web apps, and deployed custom Telegram bots to optimize client workflows.
- Provided system services, mentoring, and optimized hardware/software performance for clients.
- Specialized in Unix/Linux administration and network configurations.

Freelance | Full-time | Hybrid

System Integration Specialist & Custom PC Builder | Jan 2020 – Dec 2020

- Designed and built custom PCs, provided hardware upgrades, and installed OS for optimal client performance.
- Set up local servers, Network-Attached Storage (NAS) solutions and media servers for efficient data management and media streaming.
- Offered IT infrastructure management and Linux system administration services.

GRADUATION

2017 - 2021 | Pondicherry University

Bachelor of Technology - Electronics and Communication Engineering | 8.32 CGPA.

SOFT SKILLS

- Problem-Solving
- Client Communication
- Cross-Functional Collaboration
- Leadership & Mentorship
- Critical Thinking
- Time Management
- Adaptability