

SUMAN KUMAR CHOUDHARY

Full Stack Developer

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PROFESSIONAL SUMMARY

Python Backend Developer specializing in automation, AI-driven systems, and scalable REST API architecture. I've built production platforms that scrape millions of data points, auto-generate multi-step email sequences, track user behavior, and run fully on intelligent automation with minimal human input. With strong expertise in FastAPI, Django REST, microservices, and AWS, I've delivered 15+ high-availability products, boosted performance by 40%, and cut infrastructure costs by 25%. I turn complex business problems into clean, automated systems that run reliably, efficiently, and at scale.

TECHNICAL EXPERTISE

Programming Languages

Python (Advanced), JavaScript (ES6+), TypeScript, SQL, Bash Scripting

Backend Frameworks

Django, Django REST Framework, FastAPI, Flask, Celery, Redis

Frontend Technologies

React.js, Next.js, Tailwind CSS, three.js, lenis, gsap

Databases & Storage

PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, S3

Cloud & DevOps

AWS (EC2, S3, RDS, Lambda, CloudWatch), Docker, NGINX, CI/CD

Tools & Methodologies

Git, GitLab, Jira, PyTest, Postman, Agile, Microservices, TDD

PROFESSIONAL EXPERIENCE

Full Stack Developer

Cronbay Technologies

March 2025 – Present

- Architected an AI-driven lead generation engine that scrapes platforms like Apollo, FalconBiz and verified government portals, enriches company data, generates multi-step email sequences and automates replies using behavior-based algorithms powered by a lightweight GPT-3.0 workflow
 - Delivered enterprise platforms including [mhebazar.in](#), [greentechmhe.com](#), [fixrupee.com](#) implementing scalable backend systems, optimized workflows and high-performance infrastructure
 - Implemented containerized microservices with Docker and automated CI/CD pipelines via GitHub Actions across product lines such as [plantheunplanned.com](#) and internal enterprise tools, ensuring consistent deployments
 - Optimized AWS cloud infrastructure (EC2, S3, RDS, CloudWatch) for multiple production platforms achieving 25% cost reduction while maintaining 99.9% uptime and improving system reliability across the company
 - Collaborated with cross-functional teams to build the new [cronbay-tech.com](#) website featuring advanced animations using React, Framer Motion, Three.js, Lenis, Locomotive and GSAP integrated with secure REST and GraphQL services
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Developer Executive

SMLNEXGEN LLP

February 2024 – March 2025

- Led 6-member development team in architecting enterprise applications [smlnexgenllp.com](#) (MR Monitor, Fechzo) using FastAPI, PostgreSQL, and microservices patterns
 - Managed end-to-end VPS hosting solutions with NGINX configuration, SSL implementation, and automated deployment processes
 - Designed and documented RESTful APIs serving 10,000+ daily requests with comprehensive API documentation and testing suites
 - Integrated AWS services (Lambda, EC2, S3, RDS) for scalable cloud infrastructure supporting multi-tenant applications
 - Established code review processes and automated testing pipelines, improving overall code quality by 60%
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Python Developer

Monks Mind Hub

August 2023 – February 2024

- Developed Saisamsthana temple management platform using Django, MongoDB, React, and Stringee API with call automation features
- Built automated call management system with analytics dashboard, reducing manual processing time by 70%
- Designed multi-tenant backend architecture supporting 1000+ concurrent users with optimized database queries and caching
- Created responsive websites using WordPress and deployed on VPS with Plesk management and SSL security
- Implemented comprehensive security measures including data encryption, secure authentication, and API rate limiting

KEY PROJECTS

MR Monitor

mr-monitor.com

Enterprise business management system with FastAPI, Next.js, Redis, PostgreSQL, and AWS DynamoDB. Features real-time analytics, automated reporting, role-based access control, and comprehensive audit trails.

Sai Samsthana

saisamsthana.org

Built an automation-driven platform with an advanced admin panel for donation payments, call-center workflow automation, call tracking, lead tracking, and streamlined daily operations.

CronBid

cronbid.com

Real-time auction platform with live bidding using FastAPI, React, and MySQL. Implemented WebSocket connections, JWT authentication, automated bid processing, and AWS-based scalable deployment.

Plan The Unplanned

plantheunplanned.com

Developed a scalable travel platform using Next.js, TypeScript, Django, GraphQL, and PostgreSQL with optimized APIs and efficient booking workflows.

MHE Bazar

mhebazar.in

B2B marketplace platform using Django REST and Next.js with PostgreSQL. Optimized database queries, S3 media management, advanced search functionality, and inventory tracking system.

Greentech MHE

greentechmhe.com

Corporate website with Vite + React frontend and Spring Boot backend using MongoDB. Implemented automated CI/CD pipeline and integrated business intelligence dashboard.

EDUCATION & CERTIFICATIONS

Bachelor of Computer Applications (BCA)

International School of Business & Research, Bangalore

Bangalore University • CGPA: 8.3/10

2020 – 2023

JPMorgan Virtual Software Engineering Internship

Forage Platform • Advanced Software Engineering Modules

2021

ADDITIONAL QUALIFICATIONS

Languages

English (Fluent), Hindi (Fluent), Tamil (Fluent), Kannada (Intermediate)

Leadership Experience

Team leadership, project management, stakeholder communication, agile methodologies, mentoring

Digital Marketing

Managed successful digital campaigns for Akashkrish Toyota and Gurumurthy Guruji with measurable ROI

Core Competencies

System architecture, performance optimization, problem-solving, rapid prototyping, quality assurance