

# NAVEEN KUMAR

Senior Software Engineer ([LinkedIn](#))

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Senior Software Engineer with 4+ years of hands-on experience building scalable full-stack applications using Python, AWS, Django, Flask, and React. Proven track record of designing RESTful APIs, deploying serverless and containerized solutions (ECS, Lambda), and delivering production-grade analytics platforms. Skilled in reverse engineering, data scraping, and CI/CD automation. Adept in leading small teams, mentoring engineers, and owning solutions across the SDLC in fast-paced environments.

## PROFESSIONAL EXPERIENCE

### Senior Full Stack Developer (Python + AWS) at Anakin (YC S21)

(Jan 2022 - May 2025)

- Leveraged Google BigQuery, AWS ECS, and big data tools to build scalable infrastructures for efficient data analysis.
- Built and scaled Django-based backend services, integrating Django REST Framework with OAuth2 and JWT authentication for secure API management.
- Designed real-time data sync for pricing dashboards using Django Channels and WebSockets to support live inventory feeds.
- Developed CI/CD pipelines with GitHub, ECS, EKS, and Jenkins, enhancing system reliability via Prometheus and Grafana.
- Designed scalable systems, including a request bypass server handling 1M requests/min with a 1.2% failure rate. This includes features like TLS-blocking, rate limiting, and captcha bypass.
- Collaborated on deployment automation using Docker and AWS ECS for Django microservices, ensuring zero-downtime rollouts.
- Ensured API security and compliance using Django middlewares.

### Tech Consultant (API Integration) at LTIMindtree

(July 2021 - Dec 2021)

- Worked as an Integration API Engineer on SAP platform.
- Explored the SOAP and REST API and integrated multiple modules like HR, Finance, Business and Sales with HPGCL(Haryana Power Generation Corporation Limited) using SAP platform.
- Tested the existing API with Postman and ensured the schema structuring for smooth communication between the modules.

### Freelance Developer at Upwork

(Dec 2020 - June 2021)

- Developed and deployed fully automated web scraping solutions, building scalable data pipelines, and implementing advanced extraction systems with captcha and proxy bypass.
- Achieved high client satisfaction by delivering end-to-end automation, including scheduling, data cleaning, and reporting, consistently meeting deadlines and exceeding expectations.

## EDUCATION

### Indian Institute of Information Technology, Una (2017 - 2021)

Bachelor of Technology, ECE (GPA: 7.29/10)

### Jawahar Navodaya Vidyalaya, Kanpur Nagar (2015 - 2017)

Higher Secondary Education, (PCM) (82.4%)

## Skills

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|---|---|---|
| • <b>Languages:</b> Python, Golang                      | • <b>Cloud:</b> AWS(ECS, ECR, EC2, S3, EKS, Lambda, SQS, Glue, ELB, Cloudwatch) | • <b>Tools:</b> Jenkins, Docker, Prometheus, Apache Spark, Grafana, Git, Linux, Frida, Objection, Mitmproxy, Selenium |
| • <b>Databases:</b> MongoDB, Postgres, BigQuery         | • <b>Security/Auth:</b> OAuth2, JWT   |   |
| • <b>Frameworks:</b> FastAPI, Django, Langchain, Pandas |   |   |