

# Vivek Kumar

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Full Stack Developer with expertise in scalable web applications, specializing in Python, Django/Flask. Skilled in building REST APIs, microservices, and interactive frontends. Passionate about leveraging the EV Charging Industry, AI/ML, Cloud, and Automation.

## EDUCATION

<b>Vellore Institute of Technology, Vellore</b> <i>Master of Computer Applications</i>	<b>Sep 2021 - June 2023</b> <b>CGPA: 8.0/10</b>
<b>MCRP University, Bhopal</b> <i>Bachelor of Computer Applications</i>	<b>Sep 2018 – June 2021</b> <b>CGPA: 8.5/10</b>

## WORK EXPERIENCE

<b>Natlov Technologies Pvt Ltd.</b> <i>Python Full Stack Developer</i>	<b>Dec 2024 – Present</b>
Building web apps, REST APIs, and microservices using Django, Flask, FastAPI, QA Automation and Unit Testing. Working with AWS Lambda, SQS, SNS, S3, AngularJS, and managing CI/CD pipelines for efficient deployments.	
<b>EVC Technologies Pvt. Ltd.</b> <i>Associate Software Engineer</i>	<b>Fab 2023 – Nov 2024</b> <b>Pune, Maharashtra</b>
Worked on the EV Charging System with OCPP 1.6–2.0.1, OCPI 2.2.1, developing scalable solutions using Python, Django, PostgreSQL, and RESTful APIs. Implemented OCPP/OCPI protocols, WebSocket, Celery, Redis, and managed client onboarding & CPO coordination.	
<b>Aara Technologies Private Limited</b> <i>Software Developer Intern</i>	<b>Feb 2021 – July 2021</b> <b>Lucknow, Uttar Pradesh</b>
Gained hands-on experience with <b>Django, REST APIs, HTML, CSS, JavaScript, and PostgreSQL</b> . Worked with <b>Postman for API testing</b> and participated in <b>SCRUM meetings</b> , enhancing collaboration and development skills.	

## PROJECTS

<b>EV Charging CMS   Python/ Django, ReactJS, REST API, OCPP/OCPI, PostgreSQL, Firebase</b>
Developed an EV Charging CMS with OCPP integration for seamless station management, real-time monitoring, and remote session control, ensuring interoperability and efficient operations.
<b>Student Behavior and Engagement Using Deep Learning</b>
Developed a live video communication platform for interactive learning, using deep learning-based facial detection to assess student engagement. Integrated real-time feedback and automated lecture summaries, empowering teachers and enhancing learning outcomes.
<b>Personal Blogging System   Python/ Django, REST API, JavaScript, Bootstrap, SQLite</b>
Engineered a blog application using Django, enabling users to create a custom blog with an admin dashboard. Implemented essential features including like, share, and comment functionalities.

## SKILLS

**Languages & Technologies/ Frameworks:** Python (Django, Flask, NumPy, Pandas), JavaScript (Angular & ReactJS), API(Fast & Rest), DBMS (SQL, PostgreSQL, MongoDB), Cloud Services, AI Integration, Unit Testing, Web Scraping, Celery, WebSocket, SQS, OCPP/OCPI, Firebase, Linux and GitHub & GitLab, Jira.

## CERTIFICATIONS

- **Career Edge- TCSiON, Tata Consultancy Services Limited (TCS)**
- **Python/ Full Stack Development, Hebeon Technologies**
- **Google Cloud Training (GCP), Coursera**