

# VARUN KUNDE

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## SUMMARY

Full Stack Developer with 3 years of experience, proficient in modern front-end and back-end technologies. Demonstrated expertise in designing and implementing web applications, combining both client-side and server-side development skills to create efficient and user-friendly software solutions.

## EDUCATION

**Master of Science: University of Maryland Baltimore County**

Baltimore, MD, USA (Aug 2022 - May 2024)

Major in Computer Science, CGPA - 3.4

**Bachelor of Technology: SRM University**

Chennai, India (June 2016 - May 2020)

Major in Information Technology

## CERTIFICATIONS

- **Microsoft Azure Fundamentals**
- **AWS Certified Cloud Practitioner**
- **Relational Database Design**

**June 2024**

**August 2024**

**March 2020**

## SKILLS

**Languages:** C, C++, Java, JavaScript, Python.

**Frameworks:** Spring Framework – Spring Boot, Angular, Express JS, REACT JS, .NET, Django

**Data analysis:** Python (Matplotlib, Pandas, NumPy, scikit-learn), Tableau, Orange3

**Web technologies:** HTML4, HTML5, CSS, PHP, Bootstrap, XML

**Cloud Technologies:** AWS (Amazon Web Services), Microsoft Azure

**Database:** MySQL, Postgres, NoSQL

**Operating System:** Windows, Linux, MAC.

## EXPERIENCE

**Flow Global Software Technologies, Back-end Developer** | Remote (Delaware, USA)

**Aug 2024 - Present**

- Spearheaded the system design for Flow Turbo by creating a comprehensive end to end **system level architecture** diagram.
- Deployed services on **GCP** using **Docker** and CI/CD pipelines.
- Actively participated in Scrum meetings and improving the sprint completion rate by **10%** through effective **Agile** Practices.
- Documented the system requirements and development changes in Confluence, **reducing** onboarding time for new team members by **10%**.
- Created web applications using **Python**, **Django** framework, Postgres SQL, PyTest and libraries like NumPy, Pandas, SciPy.

**Cognizant Technology Solutions, Full Stack Developer** | On-site (Chennai, India)

**Feb 2020 - July 2022**

**Project : Verizon Communications Inc**

- Spearheaded the development of **dynamic front-end and back-end** systems, improving response times by **20%** through efficient architecture and **UI component integration**.
- Achieved seamless alignment between technical development and **business goals**, reducing project turnaround times by **15%**.
- Leveraged **Git** for version control, reducing merge conflicts by **30%** and **streamlining collaboration** across development teams.

**Project : MetLife Inc.**

- Introduced a new workflow enhancement system that reduced the workload of development teams by **25%**, significantly **boosting overall productivity**.
- Led UI design improvements, decreasing user interface **load times by 18%** and enhancing user experience ratings.
- Collaborated extensively with business teams to ensure client needs were met, aligning the application features with **client preferences**.
- Mastered modern web development technologies, including **React**, resulting in a **30%** faster deployment of front-end features during internship projects.

**Hitachi Consulting, Intern** | On-site (Hyderabad, India)

**Dec 2018- June 2019**

- Gained expertise in Python programming during the course of internship.
- Spearheaded project named **Handwritten Digit Recognition** using Python with an accuracy of **95%**.
- Effectively identifies freehand-written digits and generates corresponding numerical values.
- Demonstrated hands-on experience in machine learning and **Python** development.

## PROJECTS

Server Data Auditing with Encryption Techniques:

**Technology used:** Cloud Computing

- Core objective: Establish robust **confidentiality** mechanism framework.
- Enables **public audits** of cloud-based data securely.
- Focus on implementing **cryptographic** algorithms for **cloud data auditing**.

## ACHIEVEMENTS

- Introduced an innovative workflow enhancement system at MetLife, reducing development team workload by 25% and significantly increasing overall project productivity.
- Achieved best employee of the month at Cognizant for outstanding code debugging and problem solving.