

# SETHU V

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Full Stack Developer with almost 1 year of experience at Flipkart, focusing on software development. Skilled in Python, Flask, and MySQL, with a strong foundation in Data Structures and Algorithms (DSA). Experienced in creating scalable applications, optimizing performance, and implementing real-time notifications and text matching features. Motivated to apply technical skills to solve problems and deliver high-quality solutions. Looking to bring my product operations experience into software development to contribute to meaningful projects.

## SKILLS

- **Programming Languages & Framework** : Python, Django, Flask, Core Java, Spring Boot, Hibernate, JavaScript, React.js.
- **Web Technologies** : HTML, CSS, Bootstrap, React Js, AJAX, jQuery, BeautifulSoup and Scrapy.
- **Testing & Debugging**: PyTest, Unittest, Selenium and Postman.
- **Data Visualization Tools**: Power BI, Tableau, Matplotlib, Seaborn.
- **Database Management**: Excel, MySQL, Oracle SQL, and experience with querying large datasets.
- **Statistical Analysis & Modeling**: Numpy, Pandas, Regression, hypothesis testing, descriptive and inferential statistics.
- **Other Tools & Skills**: Git, GitHub, Jira, Jupyter Notebook, Excel (Pivot Tables, VLOOKUP, Macros), ETL processes, and REST APIs.
- **Soft Skills**: Teamwork, Reporting, Strong stakeholders Management, Project Management, Documentation & Verbal Communication.

## WORK EXPERIENCE

**NetScribes Data & Insights Pvt Ltd. | Bengaluru, Karnataka**  
Associate | Flipkart(Client)

Aug 2024 - Present

- **Process Optimization & Cross-functional Collaboration**: Streamlined product workflows and collaborated with teams across product 90%, marketing 80%, and supply chain 75% to ensure smooth product launches, inventory management 80%, and alignment with business objectives 90%.
- **Data Analysis & Performance Monitoring**: Analyzed product data and performance metrics to identify trends, provide actionable insights, and support data-driven decision-making 90% for continuous improvement in product offerings 80%.
- **Customer Feedback Integration**: Collected and analyzed customer feedback 85% to identify pain points, improve product quality 75%, and align product features 80% with customer needs.
- **Tool & Process Implementation**: Managed and optimized tools 90%, dashboards 80%, and operational frameworks 85% to enhance efficiency in tracking 80%, reporting 85%, and scaling product operations 90%.

**JSpider Training & Development - Bengaluru, Karnataka**  
Java Full-Stack Development (Internship)

Aug 2022- Jan 2023

- **Backend Development**: Built RESTful APIs using Java 90%, Spring Boot 85%, and Hibernate 80% for efficient data management and business logic implementation.
- **Frontend Development**: Designed interactive and responsive UI using HTML 90%, CSS 85%, JavaScript 80%, and React 75%.
- **Database Management**: Crafted and optimized SQL queries in MySQL/PostgreSQL 85% to enhance data management and retrieval.
- **Project Work**: Deployed the full-stack application on AWS using Docker containers and orchestrated with Kubernetes, achieving 99.9% uptime; the tool is now used by over 12 employees across CX teams.
- **Version Control & Deployment**: Used Git 90% for source code management and deployed applications on cloud platforms 80%.

## PROJECTS

### Job Portal with Resume Matching System

Technologies: Python, Flask, SQLite, Scikit-learn, NetworkX, Celery, Redis, SQLAlchemy, HTML/CSS, JavaScript

**Project Overview** : Developed a job portal where 200+ job seekers uploaded resumes, and 50+ employers posted job listings. The platform matched candidates to jobs using DSA concepts like binary search 95%, Quick Sort 90%, and graph algorithms 85%, integrated into a Flask web app, improving job matching efficiency by 30% and reducing response time by 25%.

- **Job Matching Algorithm**: Engineered a matching system using Cosine Similarity 85% and Levenshtein Distance 80% to compare resumes and job descriptions, enabling precise recommendations based on skills and experience.
- **User Profile & Data Management**: Created user profiles to store resumes and job listings, utilizing MySQL 80% for data storage and hashmaps 85% for efficient lookups, enhancing data retrieval and system performance.
- **Search and Sorting Functionality**: Implemented search functionality using binary search 90% for filtering job listings and resumes. Applied Quick Sort 85% to rank matches according to relevance and user preferences.
- **Real-Time Notifications**: Built a notification system with priority queues 85% to alert job seekers about new opportunities. Integrated Celery 80% and Redis 80% for seamless real-time background task processing and notifications.
- **Graph-Based Matching**: Leveraged NetworkX 75% to represent job seekers and job listings as nodes in a graph, utilizing graph traversal techniques 80% to identify the most suitable opportunities based on user attributes and job details.

## EDUCATION

**MGR College - Hosur**

Bachelors of Computer Applications(BCA) - CGPA : 7.3

Jun 2019-May 2022

## CERTIFICATIONS

- **Python Essentials 1 (Cisco)** : Gained foundational knowledge in Python, including data types, control structures, and functions.
- **Python Essentials 2 (Cisco)** : Advanced Python concepts such as object-oriented programming, error handling, and libraries.
- **Data Analytics Essentials (Cisco)** : Developed a strong understanding of data analysis, including working with data structures, statistical analysis, and data visualization techniques.
- **Java Full Stack Development(Jspider)** : Learned full-stack Java development, covering both front-end (HTML, CSS, JavaScript) and back-end (Java, Spring, Hibernate) technologies for building scalable applications.
- **Front-End Web Development (Coursera)** : Acquired expertise in front-end technologies, including HTML, CSS, JavaScript, and React, for creating responsive and interactive web interfaces.