

SAUMYA SUCHARITA BEHERA

☎ 214-517-0680 ✉ saumya.sucharita@gmail.com [in saumya-sucharita](https://www.linkedin.com/in/saumya-sucharita) [github saumyasucharita](https://github.com/saumyasucharita) [i Portfolio](#)

Professional Summary

Software engineer with 8+ years of experience in design, development, implementation, test, and delivery of enterprise applications in the telecom domain. Seeking Software Engineer roles.

Technical Skills

Languages/Database: Java, Python, Javascript, HTML5, MySQL, Mongo DB

Framework: Spring boot, Django

Software & Tools: Camunda BPM, Spring Tool Suite, VS Code, SOAP UI, Postman, Putty, Git, SVN, JIRA, Rally

Experience

Tech Mahindra Americas Inc

Apr 2016 – Sept 2020

Senior Software Engineer (AT&T Virtual Trouble Management)

Dallas, TX

- Engineered an integrated ticketing system for **AT&T** to expedite trouble management resulting in a **30%** reduction in ticket handling time
- Utilized Spring Boot, Camunda BPM, Apache Kafka, and Mongo DB to create a scalable ticket management solution to enhance user experience and efficiency
- Coordinated onsite and offshore team in India, setting coding standards and conducting peer code reviews to drive productive collaboration
- Managed code deployment on multiple server environments to achieve smooth releases within a Continuous Integration/Continuous Delivery setup

Tech Mahindra Limited

June 2012 – Mar 2016

Software Engineer (AT&T IRU Unlock)

Pune, India

- Increased automation rate for **AT&T's** device unlocking and network transitioning project from **25%** to **80%**
- Collaborated with system engineers to outline project objectives and ensure that software designs aligned with client specifications throughout the entire software development life cycle
- Designed, built, and maintained executable workflows in ActiveVOS BPM tool
- Troubleshoot and promptly resolved issues reported by the system testing team to maintain the project deadlines
- Produced comprehensive low-level design documentation

Projects

PlanMyMeal | *Python, Django, HTML5, Bootstrap* [Git](#)

July 2023 – Present

- Built a website for users to search for recipes using Spoonacular **REST API** per their nutritional requirements
- Implemented CRUD operations in Django ORM to allow users to assign saved recipes to specific dates on their calendar

Agriculture data analysis | *Python, Pandas, Seaborn, Scikit-Learn* [Git](#)

Aug 2023 – Present

- Analysed Global Food & Agriculture Statistics to predict future trend in Gross Production using **Linear Regression**
- Performed **Multivariate Regression** to find a correlation between the agricultural production of different countries

Interpreter and parser for a SML-like language | *Java* [Git](#)

Feb – Apr 2022

- Used JavaCC tool to generate a pure parser for a SML-like language
- Integrated the evaluator for the expressions comprising the project language to produce a full interpreter

IoT: Smart street lighting system | *C++, Arduino IDE, Node-RED, MQTT* [Git](#)

Nov – Dec 2022

- Collected photoresistor and infrared motion sensor data using Arduino code and published to MQTT broker
- Created Node-RED flow to listen to MQTT messages and adjust an LED when motion was detected or ambient light intensity decreased below the established threshold

Education

Villanova University, Pennsylvania

2021 – 2023

Master of Science in Computer Science

GPA: 3.89/4

Coursework: *Algorithms, Database Systems and Health Informatics, IoT, Machine Learning*

Biju Patnaik University of Technology, India

2007 – 2011

Bachelors of Technology in Information Technology

GPA: 8.14/10

Certifications & Achievements

SAFe 4 Agilist

Upsilon Pi Epsilon (UPE) honor society: Issued by Villanova UPE Chapter (Apr 2023)

Graduate Assistant at Villanova University : Provided tutoring to CS graduate students in collaboration with professors