ROHIT KUMAR BANDI RAVIKUMAR

+1(201) 268-0352 ⋄ Jersey City, NJ

rohitkumarbr.com ⋄ bpscrohit@gmail.com ⋄ linkedin ⋄ Github

WORK EXPERIENCE

Founder & CTO June 2024 - Current
SmartML Labs *Remote, United States*
www.smartmllabs.com

- Spearheaded the development of **Zovu.ai**, an AI-powered resume builder, achieving an industry-leading accuracy of **94.65%**, outperforming market competitors.
- Designed and implemented a robust model powered by **advanced OCR techniques** and cutting-edge **NLP algorithms**, enabling precise resume parsing and analysis.
- Built the architecture and led the development process using **TypeScript**, **FastAPI**, and **Cosmos DB**, ensuring a scalable and efficient system.
- Orchestrated deployment on **Azure** with a secure infrastructure leveraging **Kubernetes**, tunneling for enhanced security, and **CI/CD pipelines** for continuous integration and development.
- Led a team of 9 engineers, driving productivity and innovation by facilitating daily **scrum meetings** and following **Agile methodologies**.
- Championed technical **leadership** by designing the **project architecture** and ensuring alignment with **business goals**.

Big Data Analytics in R - Graduate Classroom Learning Assistant (CLA) March 2024 - June 2024
Sacred Heart University *Fairfield County, Connecticut, United States*

- Supported a graduate-level course with a class size of over 35 students, focusing on key concepts and practical applications of **Big Data Analytics** using **R**.
- Assisted students in mastering data manipulation, visualization, and implementing supervised and unsupervised machine learning techniques, including **regression**, **classification**, **clustering**, and **dimensionality reduction**.
- Provided one-on-one guidance during hands-on labs and projects, helping students tackle real-world data analysis challenges.

Front-end Developer Intern December 2022 - March 2023
QSqpiders *Bangalore, India*

- Developed a responsive website UI using **HTML**, **CSS**, **JavaScript** and **React** that reduced overall page load speed by 35%.
- Implemented visual elements to enhance **user experience** based on design feedback and client requirements.
- Optimized the user interface for increased responsiveness, achieving an improved user experience for customers.
- Collaborated with project managers to successfully deliver projects on time, resulting in an increase in organizational efficiency.

Full Stack Developer January 2022 - January 2023
Freelancer *Remote, India*

www.heavenlybbqngrill.com
www.555discountliquor.com

- Designed, developed, tested, and deployed **20+ websites** with a **100% success rate**, delivering high-quality solutions tailored to client needs..

- Worked directly with clients to understand their **requirements**, ensuring **clear communication** and precise execution of projects from concept to completion.
- Built responsive and scalable websites using **React** for front-end development and **Java** for back-end services.
- Integrated **MongoDB** for efficient database management and deployed projects on **AWS**, ensuring reliability and scalability.
- Managed all aspects of the **development lifecycle** independently, from requirement gathering to **post-deployment support**, demonstrating **strong problem-solving** and **project management skills**.

EDUCATION

Master of Computer and Information Sciences, Sacred Heart University   Expected March 2025
Relevant Coursework: Artificial Intelligence, Machine Learning, Deep learning, Big Data Analytics, Data Visualization , and Advance Database Design.

Bachelor of Computer Science, Visvesvaraya Technological University   May 2023
Relevant Coursework: Machine Learning, Python, Computer Networks, Big Data Analytics, User interface Design, and Object Oriented programming.

SKILLS

Languages:	Python, R, C, C++, java, PHP.
Machine Learning:	Regression, Classification, Clustering, Pandas, Numpy, Scikitlearn, Jupyter PyTest, Natural Language Processing(NLP), Keras, PyTorch, XGBoost, LightGBM.
Deployment and Production:	Docker, Kubernetes, Flask, FastAPI, Azure.
Database:	Neo4j, MongoDB, MySql.
Visualization:	Tableau, Seaborn, Matplotlib, Plotly.
Platforms:	Linux, Ubuntu, Windows.
Web Technologies:	HTML5, CSS3, Java Script, ReactJS.
Soft Skills:	Project management, Collaboration, Problem-solving, Critical thinking, Creative thinking.

PROJECTS

Naive Bayes Classifier based Movie Recommendation System(Github Repository)
Harvestify - A Agriculture Product (Github Repository)
Sanchari - A Travel App (Github Repository)
Predictive Modeling of Physical Activity Trends using Fitbit Data(Github Repository)
Space Travel Sentimental Analysis(Github Repository)

CERTIFICATION

- British Airways - Data Science Job Simulation.
- Machine Learning by python - Certified by Linkedin.
- MongoDb Python Developer Path - Certified by MongoDb.
- J2EE Java - Certified by Wipro.
- Front-end Development, Java, PHP - Certified by IANT.

PUBLICATION

- **Predictive Modeling of Physical Activity Trends using Fitbit Data** - Computing Conference 2025, London, United Kingdom.
- **Naive Bayes Classifier based Movie Recommendation System** - IEEE ICSCSS-679.