HARSHAVARDHAN KADALI

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Education

Bonam Venkata Chalamayya College of Engineering — Nov 2020 - May 2024
Bachelor of Technology in Computer Science Engineering; CGPA: 7.72 — *Rajahmundry, Andhra Pradesh*

- **Relevant Coursework**: Data Structures and Algorithms, Database Management Systems, Cloud Computing, Machine Learning, Artificial Intelligence, Agile Software Development

Technical Skills

Programming Languages: Python, Java, R, SQL (T-SQL), C++
Frontend Development: React.js, HTML5, CSS3, Angular
Backend Development: Django, Flask, Spring Boot, Node.js, REST API
Developer Tools: Visual Studio, Eclipse, Cursor AI, GitHub, Microsoft Power BI, Postman, Shell Scripting
Databases: MySQL, Oracle SQL, MongoDB, Azure SQL
Libraries: NumPy, Pandas, Matplotlib, TensorFlow
Version Control/CI-CD: Git, GitHub, GitLab

Professional Experience

Mphasis — Mar 2025 - Jun 2025
Associate Software Engineer - Trainee — *Pune, Maharashtra*

- Completed intensive training in **Unix, Power BI, T-SQL, MongoDB, Azure Cloud Shell and Apache Spark**, accelerating project development skills by **30%**.
- Engineered a comprehensive **Hospital Management System** utilizing **Core Python** and **SQL**, directly leading to a **40%** improvement in data retrieval speed for patient records across departments.
- Gained hands-on experience with **Azure Portal, Azure Cloud Shell, App Services, Azure SQL, and Azure Storage Accounts.**
- Created a **Retail & Sales Dashboard** in **Power BI** analyzing data from 5+ regions, improving sales insights and decision-making speed by **25%**.
- Reduced manual reporting time by **50%** through automation and visualization of KPIs using **DAX functions** and multisource data integration in **Power BI**.

Infosys Springboard — Oct 2024 - Dec 2024
Backend Developer Intern — *Hyderabad, Telangana*

- Collaborated with **4-member team** to develop a **full-stack web application** using **React.js, Spring Boot, and MongoDB**.
- Designed **RESTful APIs** for user authentication, reducing response time by **20%**.
- Led sprint planning and code reviews, enhancing project delivery time by **10%**.

Projects

Hospital Management System | *Python (NumPy, Pandas), SQL (T-SQL), MySQL*

- Built a scalable system to manage 500+ patient records and 100+ users.
- Automated billing and reporting processes, improving administrative efficiency by 35%.
- Optimized MySQL CRUD operations, reducing data retrieval time by 50%.

Mental Health Support Platform (MindCare) | *React.js, Spring Boot (Java), MongoDB*

- Developed a responsive web application delivering real-time psychosocial support to 1,000+ users.
- Built a MongoDB-based interaction tracking system, enhancing emergency intervention effectiveness by 30%.
- Enabled instant support features, significantly improving accessibility and user engagement.
- Tested RESTful APIs for real-time communication using Postman and JSON.

Sentiment Analysis for Product Ratings | *Python (Pandas, Scikit-learn), Machine Learning*

- Led a 4-member team to build a GUI-based application using NLP to classify product reviews.
- Implemented pre-processing and model pipelines with Logistic Regression, SVM, and Random Forest to achieve 90% accuracy.

Certifications & Trainings

- Microsoft Certified: Azure Data Scientist Associate (2025)
- Database Management Systems Certification – NPTEL
- Java Full Stack Development Training – KODNEST Technologies
- IIT Kharagpur AI4ICPS Hands-on Approach with AI – TCSION