

H S SHASHANK

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EDUCATION

- **University Visvesvaraya College of Engineering** Bangalore, India
• *Bachelor of Technology in Information Science; GPA: 8.96/10.0* Aug 2018 - Jun 2022
• *Courses: Data Structures, Algorithms, Python Programming, Software Engineering, Machine Learning, Data Science*

SKILLS SUMMARY

- **Languages:** Python, Java, JavaScript, C#, SQL, Powershell, Excel
- **Tools and Frameworks:** Angular, .NET, AWS, PyTorch, Visual Studio, Jira, Git
- **Courses/Specializations:** Machine Learning, Deep Learning, Generative AI, LLMs
- **Certifications:** AWS Certified Developer - Associate, AWS Certified Cloud Practitioner, Azure Cloud Fundamentals

EXPERIENCE

- **IBM India Private Limited** Bangalore, India
• *Associate Developer* Jun 2022 - Present
 - Successfully delivered impressive results: **140+ feature-rich screens** with **8000+ meticulously analyzed fields**.
 - Developed concurrent **.NET APIs** within a demanding **6-month timeframe**, surpassing client expectations.
 - Demonstrated strong leadership, driving streamlined processes and successful project deliveries with a significant **35% reduction in turnaround time**.

Awards/Recognition :

 - * Client and Partner Success Award
 - * Clients 2 Profitable Growth Award
 - * Star Performer Award for successive quarters
- **IBM India Private Limited** Bangalore, India
• *Intern* Jan 2022 - Jun 2022
 - Effectively addressed complex business requirements by leveraging **Angular** and **.NET** to develop an efficient onboarding process.
 - The successful implementation resulted in an impressive **55% reduction** in onboarding time and seamless user experience for over **150 employees** without encountering any issues.
 - Promoted transparency, effective coordination, and **Agile** values in cross-functional team discussions to drive iterative development and project success.
- **University Visvesvaraya College of Engineering** Bangalore, India
• *Research Assistant* Jan 2021 - Jun 2022
 - Achieved an impressive **95% accuracy** in classifying ECG data as Atrial Fibrillation or non-Atrial Fibrillation using machine learning models.
 - Developed a highly accurate sarcasm detection system for code-mixed Hindi-English data using Twitter APIs, processing a dataset of over **100K Tweets** with **92% accuracy**.

PROJECTS

- **Travel Time Estimation Model for Source-Destination Pairs** May 2023
 - Implemented a solution for calculating precise travel durations between source and destination, harnessing the efficient spatial indexing capabilities of the **Ball Tree algorithm**. Achieved remarkable accuracy with an impressive **L1 error of 0.17**.
 - Implemented this approach using data sourced from Bengaluru Metropolitan Transport Corporation (BMTC) buses operating within Bengaluru. [GitHub]
- **Smart Infrastructure** June 2021
 - Worked on a real-time monitoring system for the Stava bridge. The first task involved compressing the large volume of data using **LSTM-based auto-encoders**.
 - The second task involved predicting the data from the third sensor given the data from any other two sensors. **Functional prototype** was presented and **delivered to SAP Labs**. [GitHub]