Saurav Kumar

Linkedin: linkedin.com/in/sauravabc16
Github: github.com/sauravabc16

Email: sauravabc16@yahoo.co.in
Mobile: +91-829-4756-069

EDUCATION

- **Vellore Institute of Technology** Vellore, India
  Bachelor of Technology - Information Technology; GPA: 8.20/10 *Aug 2020*
  Courses: *Data Structures, Analysis Of Algorithms, Operating Systems, Databases, UI/UX, Machine Learning, Networking*

- **BSEB** Patna, India
  Intermediate of Science - Score: 75.6/100; In top 1 percentile across the state *May 2016*
  Courses: *Mathematics, Physics, Chemistry, English & Hindi*

SKILLS SUMMARY

- **Languages**:   C#, Java, Python, SQL, JavaScript, jQuery, HTML, CSS, JSON
- **Frameworks**:   .NET, Angular, Pandas, TensorFlow, Keras, Ionic, Bootstrap, NodeJS, Jupyter Notebooks
- **Tools**:   GIT, Azure DevOps, Visual Studio, Eclipse, T-SQL, SQLite, Kubernetes, Agile SDLC
- **Platforms**:   Web, Windows, Linux, Microsoft Azure , Spring, Raspberry,Ardrino, AWS
- **Soft Skills**:   Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Manhattan Associates** Bengaluru, India
  Software Engineer - R&D (Full-time) *Jan 2021 - Present*
  - **Warehouse Mobile**: Developed and maintained custom data-centric web applications using Angular, C#.NET and Ionic with Agile/SCRUM methodology for Cloud first customers.
  - **SCALE**: Designed and developed RESTful APIs along with automated unit tests for Warehouse Management Software which increased the efficiency of system by 20%. Used Azure SQL and MSSQL as database engines.
  - **MCII**: Worked with the field teams to debug and resolve customer reported issues in the system with mentorship from senior/principal engineers.

- **Jio Infotech** Remote
  Summer Intern (Internship) *May 2018 - July 2018*
  - **Data Science**: Created real time dashboard using pandas, matplotlib, bokeh and other data visualization tools in python which was used by more then 4500 employees on field. The hit-ratio increased by more than 10X after the changes.

- **Government of India (Mission Antyodaya)** New Delhi
  Research Intern (Internship) *May 2017 - July 2017*
  - **Web Dev**: Designed and developed prototype system to find gaps in government communicable disease prevention program. Features included on-ground reporting by health workers and information summery for hospitals and district administration. Prototype is still helping district administration of Jodhpur to do target micro-sanitation programs.

PROJECTS

- **Online Voting System**: Election management system to conduct, participate and manage elections. Wrote logic for First-past-the-post and Preferential Voting systems. Tech: Java, Python, MySQL, HTML, CSS, WebSockets, JavaScript

- **Smart Box using Ardrino and Raspberry Pi** : Ardrino controlled smart box with two factor authentication for delivery sensitive items. Used an array of camera sensors' data to enable intrusion & theft detection and real time monitoring by customers and the vendor. Tech: Python, Java, Raspberry Pi, Arduino, Azure Sphere & OpenCV.

ACHIEVEMENTS & CERTIFICATIONS

- Selected among 35 people across India for an internship with central government after competing in a national level completion for policy and technology.
- In top 1 percentile across the state of Bihar in I.Sc (+2) exam.
- Microsoft Certified: Azure Fundamentals AZ-900
- 5 star rated for Java and Problem Solving on HackarRank

POSITIONS OF RESPONSIBILITY

- **Head of R&D at E-Cell, VIT**: Assisted TBI incubated startups make right decisions and organised various camps for financial and economic literacy among collage students.
- **Organizer at E'Summit)**: Organised one of the biggest Entrepreneurship Summits spanning 4 days and saw more than 18,000 participants.

VOLUNTEER EXPERIENCE

- **Teaching local kids in local schools and at my home** Sikkim, Patna & Daman
  Taught Maths and Computers to underprivileged students offline and online. *Dec 2018 - Present*

- **Organising hack-a-thons and parliamentary debates** Vellore, India
  Different activities for students and young professionals as part of IEEE and Debate Society. *Jan 2017 - Dec 2019*