ASHUTOSH AGRAWAL

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PROFESSIONAL SUMMARY:

Software Engineer / Data Analyst with a background in Computer Science (Data Science), skilled in Python, Java, SQL, JavaScript, and MERN stack. Experienced in data analysis, ML, and web app development, with a focus on building scalable, data-driven solutions.

EDUCATION:

- Presidency University, Bengaluru — Bachelor in CSE (Data Science),   GPA: 5.73
- W. H. Smith Memorial School

EXPERIENCE:

Individual Developer – Abacus Quiz Web App *(Self-Initiated Project, 2024)*
- Built a browser-based **quiz app** for abacus practice with **timed levels, scoring, and performance tracking**.
- Designed a **responsive UI** using **Tailwind CSS/PostCSS**, optimized with **Vite HMR**.
- Utilized **JavaScript, TypeScript, and ESLint** to ensure scalability and code quality.

PROJECT:

- **WeightGuard MiniV:** My team and I developed a miniature vehicle using a Raspberry Pi and various components, integrating key elements of safety and load restriction. This vehicle is designed to be scalable, allowing for adaptation to different sizes and applications.

- **SMART-COMPETENCY-CALCULATOR** (Team Project - Ongoing):
  ○ Developed an AI-powered platform to identify individual skill gaps through quizzes and resume parsing.
  ○ Integrated spaCy NLP, Adzuna API, and course mapping to recommend jobs and personalized learning paths.
  ○ Built with Python, Flask, JavaScript, and MongoDB, featuring a simple web interface for accessibility.

CERTIFICATIONS:

Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage:
  ○ Completed a simulation involving creating data visualizations for Tata Consultancy Services
  ○ Prepared questions for a meeting with client senior leadership
  ○ Created visuals for data analysis to help executives with effective decision making ● **The**
Ultimate 2025 Full Stack Web Development Bootcamp:
  ○ Udemy | April 2025
  ○ Completed 55 hours of comprehensive web development training.

Tableau A-Z: Hands-On Tableau Training for Data Science:
  ○ Udemy | Sept 2025
  ○ Completed 8.5 hours of hands-on Tableau training focused on data visualization, dashboards, and data-driven storytelling.

Languages and Technologies:

Programming Languages – Java, Python, HTML, CSS, JavaScript
Frameworks & Libraries – MERN (basic)
Databases – MySQL, MongoDB (basic)
Tools – GitHub, Tableau, SQL