

Rahul A

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<https://rahul200618.github.io/Portfolio/>

Professional summary

B.Tech student in Digital Transformation with strong foundations across in **Data Science, Cyber Security, Machine Learning, and Full-Stack Development**. Skilled in Python, JavaScript, SQL, and data visualization tools for building analytical solutions and web applications. Experienced in developing projects involving data analysis, web development, and programming. Actively focusing on Cybersecurity as primary career domain — building expertise in VAPT, ethical hacking, secure API design, and OWASP. Seeking opportunities to apply technical and analytical skills in real-world technology projects. Experienced in hackathons, where I developed rapid prototypes and problem-solving projects.

Education

B.Tech in Digital Transformation | Atria University | Bengaluru
2028

Courses

Cybersecurity Analyst Job Simulation-Forage | Tata

Data Visualization: Empowering Business with Effective Insights-Forage | Tata

India Sustainability Startathon, an initiative by The Future Founders Co. | The Future Founders Co.

Courses across all the domains within my university (STEM based university)

Skills

Programming Languages

Python, JavaScript, SQL, HTML, CSS and JavaScript

Data Analytics & Data Science

Excel, Power BI, Data Visualization and analytics, Exploratory Data Analysis (EDA)

Machine Learning

Python (Pandas, NumPy, Scikit-learn), Supervised & Unsupervised Learning
Ensemble Methods, Dimensionality Reduction, Anomaly Detection

Web Development

Full-Stack Development (Frontend, backend, database and authentication)
Responsive Web/app Design (UI/UX)

Cybersecurity

Cybersecurity Fundamentals, Basic Threat & Vulnerability Concepts

Ethical Hacking, Kali Linux, Network Security, VM Setup

Secure Coding Awareness, JWT Auth & Secure API Design

Tools & Platforms

GitHub, Kali Linux, VS Code, Postman, Database Management (MongoDB, SQL), firebase.

Links

Linked-in

<http://www.linkedin.com/in/rahul-a-200618-ln>

GitHub

<https://github.com/rahul200618>

Portfolio

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Projects & Hands-on Experience

Web Development Projects

- [Symbio Insight](#) – DNA/RNA Sequence Analysis Platform
 - Developed a full-stack web application for analyzing biological FASTA sequence files.
 - Integrated Google Gemini AI to generate biological insights from sequence data.
 - Built automated PDF and HTML report generation for analysis results.
- [Independent Cinema Streaming Platform](#)
 - Built a curated streaming platform for independent films and filmmakers.
 - Implemented features for streaming films and optional direct contributions to filmmakers.

Data Analysis Projects

- Conducted data analysis using Excel, SQL, and Power BI.
Built dashboards and visualizations to extract insights from datasets.

Python Programming Projects

- Created Python-based mini [projects](#) and games.
Built logic-based programs to improve algorithmic thinking and problem solving.

Formula Bharat 2026 – RevXAtria (E17 Team) | EV Engineering

- Core team member: Formula-style electric race vehicle competing under Formula Bharat regulations
- Gained hands-on exposure to EV drivetrain integration.

Languages

English (Experienced)

Hindi (Skillful)

Kannada (Experienced)