

Rishabh Barhate

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Electronics & Computer Science Engineer with strong expertise in **Web Development, AI-driven applications, and data analysis**. Experienced in building scalable web solutions, AI-powered systems, and intuitive user interfaces. Passionate about problem-solving, innovation, and applying technology to real-world challenges.

CERTIFICATION

Data Analysis and Visualization <i>Accenture-Forage</i>	<i>Dec 2024</i>
Learned data cleaning, visualization, statistical analysis, and extracting insights from datasets.	
Generative AI Revolution <i>AspireForHer</i>	<i>Sep 2024</i>
A Webinar from AspireForHer and AWS on Generative AI exploring its applications, tools, and future impact on technology and creativity	
The Complete Python Bootcamp <i>Udemy</i>	<i>Sep 2024</i>
Completed the "Python Bootcamp" course on Udemy, gaining a strong foundation in Python programming, including data structures, file handling, functions, application development, and problem-solving techniques.	
Introduction to Analytics <i>Great learning</i>	<i>July 2024</i>
Developed a strong understanding of data interpretation, statistical analysis, exploratory data techniques, and their application in deriving actionable insights.	

PROJECTS

WealthWise: An AI based Stock Analyst	<i>Jul 2024 – Apr 2025</i>
<ul style="list-style-type: none">Built an AI-powered stock analysis tool using Streamlit, Google Gemini, and yFinanceIntegrated technical indicators (RSI, MACD, EMA, ADX, Bollinger Bands)Implemented real-time news sentiment analysis using VADERGenerated AI-driven buy/sell signals with stop-loss recommendations	
Doctor Patient Appointment System	<i>Dec 2023 – Jun 2024</i>
<ul style="list-style-type: none">Developed a web-based appointment system for streamlined doctor-patient scheduling and management.Integrated real-time chat and notification features for appointment confirmations and updates.Implemented secure login and role-based access for patients, doctors, and admins.Enabled doctors to set availability and patients to book, reschedule, or cancel appointments.	

WORK EXPERIENCE

Technical Developer – Graphene Industries Pvt. Ltd.	<i>Oct 2025 – Dec 2025</i>
<ul style="list-style-type: none">Contributed to feature development for CAREKIT, a healthcare-focused platformDesigned and implemented intuitive UI components for early product milestonesCollaborated with the team to solve technical challenges and enhance user experience	
Web Development – Hexaphase Technologies LLP	<i>Jul 2025 – Sep 2025</i>
<ul style="list-style-type: none">Contributed to the end-to-end development of web solutions while adhering to modern design and coding practices.Developed responsive and interactive interfaces to enhance overall customer experience.Worked on performance optimization, ensuring cross-browser compatibility and smooth user experience.	

EDUCATION

SIES Graduate School of Technology	
Bachelor of Engineering, Electronics and Computer Science	<i>Jul 2021 – Jul 2025</i>
<ul style="list-style-type: none">Cumulative GPA: 8.62Zonal Finalist – Smart India HackathonIEEE Publications:<ul style="list-style-type: none"><i>LSTM-Driven Adaptive Assessment of Personality for Psychiatric Care (ICCCNT 2025)</i><i>WealthWise: AI-Based Stock Analysis Tool (ICETEG 2025)</i>	
R.V. Nerurkar Junior College HSC	<i>Jul 2019 – Apr 2021</i>
<ul style="list-style-type: none">Cumulative GPA: 89 %District Level Volleyball	

SKILLS

- Programming Languages:** Python, JavaScript, SQL, Java, C/C++
- Web Technologies:** HTML5, CSS3, JavaScript, Responsive Design, REST APIs
- Databases:** MySQL, PostgreSQL, MongoDB, SQLite
- Data Analysis & Visualization:** Excel, Pandas, NumPy, Matplotlib, Power BI (basic)
- Machine Learning & AI:** Scikit-learn, TensorFlow (basic), Data Preprocessing, Feature Engineering, Sentiment Analysis
- Development Tools & Platforms:** Git/GitHub, VS Code, PyCharm, IntelliJ, Google Colab, Jupyter Notebook, phpMyAdmin, Adminer