

## ANTARIKSH SANJAY PATIL

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### EDUCATION

<b>Stevens Institute of Technology</b> <b>Master of Science in Software Engineering</b> <b>GPA 4.0/4.0</b> (Agile Methodologies, Software Requirements Engineering, Capstone Project, Software Architecture.)	<b>September 2023 - May 2025</b>
<b>Stevens Institute of Technology</b> <b>Graduate Certificate in Business Intelligence and Analytics</b> <b>GPA 4.0/4.0</b> (Marketing Analytics, Data Analytics with Machine Learning, Big Data, Web Mining, Supply Chain Analytics.)	<b>September 2023 - May 2025</b>
<b>Mumbai University, India</b> <b>Bachelor of Engineering in Computer Engineering</b> (Programming Languages, Database Management Systems, Data Structures, Microprocessors, Computer Networks.)	<b>August 2017 - June 2021</b>

### TECHNICAL SKILLS

- **Product & Agile Tools:** Jira, Confluence, Slate CRM, Tableau, Power BI, MS Excel.
- **Programming & Data:** Python, Java, SQL, SAS, JavaScript.
- **AI/ML & Analytics:** NumPy, Pandas, AI integration, Human-in-the-loop testing, UX design patterns.
- **Others:** Stakeholder Communication, Backlog Management, Customer Journey Mapping, Project Management, Risk Assessment & Mitigation.

### PROFESSIONAL EXPERIENCE

<b>Stevens Institute of Technology, Hoboken, NJ, USA</b> <b>Graduate Assistant, Office of Graduate Education   Skills: Slate CRM, MS Excel, Tableau, Research</b>	<b>April 2024 – May 2025</b>
<ul style="list-style-type: none"><li>• Owned data-driven process optimization for 15,000+ student applications using Slate CRM and Excel, reducing review time by 20% through workflow redesign.</li><li>• Partnered with leadership to prioritize initiatives, influencing scholarships and financial aid allocation for 500+ students.</li><li>• Converted stakeholder requirements into 50+ actionable backlog items, driving a 25% faster rollout of process improvements.</li></ul>	
<b>Stevens Institute of Technology, Hoboken, NJ, USA</b> <b>Teaching and Recitation Assistant for MIS-201   Skills: MS Excel, Tableau, Classroom Management</b>	<b>September 2023 – December 2023</b>
<ul style="list-style-type: none"><li>• Applied Agile techniques to design and iterate lesson plans, mapping student learning journeys and improving outcomes by 60%.</li><li>• Facilitated sessions for 40+ students, ensuring consistent feedback loops and adjustments based on performance metrics.</li></ul>	
<b>Converge EdTech, Mumbai, India</b> <b>Developer &amp; Analyst   Skills: Python, Java, SQL, HTML, Tableau, WordPress, AI Integration</b>	<b>July 2021 – June 2023</b>
<ul style="list-style-type: none"><li>• Delivered end-to-end software projects using Python, Java, and SQL, improving operational efficiency by 20%. Automated reporting workflows, saving 30+ hours per month and reducing errors.</li><li>• Analyzed 50,000+ records, identifying inefficiencies and driving 15% performance improvement.</li><li>• Partnered with cross-functional teams of 10+ to ensure timely and successful project delivery (95% on time).</li><li>• Designed and deployed a corporate website, boosting traffic by 25% and driving measurable revenue growth.</li></ul>	

### ACADEMIC PROJECTS

<b>Mind For the Blind</b>	<b>April 2025</b>
<ul style="list-style-type: none"><li>• Spearheaded “Mind-for-the-Blind,” an AI-powered assistive app integrating ML, NLP, and secure video communication for navigation, currency detection, and conversational support.</li><li>• Led end-to-end design of voice guidance, AI assistant, and video-call navigation features, ensuring accessibility and security.</li><li>• Coordinated a cross-functional team of 5, applying Agile sprints and user testing to deliver a functional prototype adopted by 100+ test users.</li></ul>	
<b>NEUDECIPIHER</b>	<b>April 2024</b>
<ul style="list-style-type: none"><li>• Directed development of an AI system processing 40,000+ EEG signals, boosting classification accuracy by 25% through advanced ML techniques.</li><li>• Transformed raw neural data into actionable command categories, enabling a brain-to-command interface and increasing interpretability for end users by 30%.</li></ul>	