














Ayushman Bhattacharya

Web Dev Associate at GDG JISU

📍 Kolkata, India 📞 8617755083 ✉ ayushbhatt633@gmail.com 🌐 <https://elixpo.com>

Profiles	<div><div> Circuit-Overtime</div><div> elixpo</div><div> elixpo</div><div> elixpo</div></div>	
Summary	<h2>A Shorthand Resume Summary</h2> <p>Ayushman Bhattacharya is a student and developer with experience in Web Development, Machine Learning, and Open Source Contributions, currently pursuing a <u>B.Tech</u> in Computer Science (GPA 9.6). He has held roles as a Web Dev Associate at GDG JISU and a ML Collaborator, contributing to projects on GitHub and Modrinth. His projects include an AI art web interface, a Discord bot, image compression, and an 8Bit CPU. He is proficient in Full Stack Development (7+ years), DevOps, MLOps, Low Level Programming, and System Design. Ayushman's interests span various areas including Programming, Embedded Systems, and Cloud Computing. He holds numerous certifications and awards from competitions like Techverse and SOF Olympiads and has published two preprints on AI/ML topics. He is fluent in English, Hindi, and Bengali.</p>	
Experience	<div><div><div>GDG</div><div>Web Dev Associate</div><div>2024-2025</div><div>Kolkata</div></div><div><div>Machine Learning Dev</div><div>Collaborator</div><div>2023 - Present</div><div>Berlin</div></div><div><div>Open Source Contribution</div><div>Maintainer</div><div>2023</div><div>Remote</div><div> https://github.com/Circuit-Overtime</div></div><div><div>Modrinth</div><div>Mod Developer</div><div>2023</div><div>Remote</div><div> https://modrinth.com/user/Circuit-Overtime</div></div><div><div>Discord</div><div>Bot Developer</div><div>2024</div><div>Remote</div></div></div>	
Education	<div><div><div>TIGPSH</div><div>General</div><div>2009-2020</div><div>Middle School</div><div>95%</div></div><div><div>TIGPSH</div><div>Science (PCM)</div><div>2021 - 2023</div><div>10+2</div><div>90%</div></div><div><div>JISU</div><div>Computer Science</div><div>2023 - Present</div><div>B.Tech</div><div>9.6</div></div></div>	
Projects	<div><div><div>Elixpo Art</div><div>A web interface to create art using AI</div><div>2023</div><div> https://elixpo.com</div></div><div><div>Elixpo Discord Bot</div><div>A Discord API bot utilizing discord.js to implement realtime image generation</div><div>2024</div></div><div><div>Image Compression Algorithm</div><div>A devised compatived based study on image compression algorithms</div><div>2025</div><div> https://github.com/Circuit-Overtime/Image_Compression</div></div><div><div>Elixpo Search</div><div>LangChain Supported Searching Schema</div><div>2025</div><div> https://github.com/Circuit-Overtime/elixpo-search-agent</div></div><div><div>Cypher</div><div>An AES Security based encrypted realtime password manager</div><div>2024</div></div><div><div>8Bit Computer CPU</div><div>A RISC-V arch based 8 Bit OPCODE CPU</div><div>2024</div><div> https://github.com/Circuit-Overtime/8Bit-Computer-Programs</div></div><div><div>Minecraft Mods</div><div>Developed Minecraft Mods utilizing java Fabric API</div><div>2023-2024</div><div> https://modrinth.com/user/Circuit-Overtime</div></div></div>	
Volunteering	<div><div><div>GDG Jisu</div><div>Web Dev Associate</div><div>2024-2025</div><div>Kolkata</div></div><div><div>Hexafalls Hackathon</div><div>Community Manager</div><div>2025</div><div>Kolkata</div></div></div>	
Skills	<div><div><div>Full Stack Development</div><div>over 7 years</div><div>● ● ● ● ●</div></div><div><div>DevOps</div><div>Version Control + Cloud Computing</div><div>● ● ● ● ○</div></div><div><div>MLOps</div><div>Deployment + Data Analytics + Model Architechture</div><div>● ● ● ● ○</div></div><div><div>Low Level Programming</div><div>x86 Arch + ARM v8</div><div>● ● ● ● ○</div></div><div><div>System Design and Network Architecture</div><div>Scalable VMS and Secure Topology</div><div>● ● ● ● ○</div></div></div>	
Interests	<div><div><div>Programming</div><div>Low-level, Web Application Dev</div></div><div><div>System Design</div><div>Low-Level_Dev, Embedded Systems</div></div><div><div>Cloud Computing</div><div>Kubernetes, Virtual Machines</div></div><div><div>DevOPS</div><div>Git, Gitops, Version Control</div></div><div><div>MLOps</div><div>Machine-Learning, Kaggle Contributor, Hugging Face</div></div><div><div>Embedded Systems</div><div>Drone Programming, RTOS, low-level-design</div></div></div>	
Certifications	<div><div><div>NSO 2nd Level Qualify</div><div>SOF NSO</div><div>2019</div></div><div><div>NCO Gold Position</div><div>SOF NCO</div><div>2019</div></div><div><div>Excellence SOF IEO</div><div>SOF IEO</div><div>2021</div></div><div><div>JAVA Online CBT</div><div>NPTEL</div><div>2025</div></div><div><div>Techverse 2 & 3 Winner</div><div>GNIT Sodepur</div><div>2023 2024</div></div><div><div>Cloud Computing</div><div>GCP</div><div>2023</div></div></div>	
Awards	<div><div><div>Gold SOF NCO 19'</div><div>SOF NCO</div><div>2019</div></div><div><div>LSA exe.BIT Runners 20'</div><div>Laxmipat Singhanian Academy</div><div>2020</div></div><div><div>Techverse2.0 Winner</div><div>GNIT Techverse</div><div>2023</div></div><div><div>Techverse 3.0 Winner</div><div>GNIT Techverse</div><div>2024</div></div><div><div>3rd, 2nd SOF NCO 14' 18'</div><div>SOF NCO</div><div>2014 2018</div></div><div><div>Java Programming CBT</div><div>NPTEL</div><div>2025</div></div><div><div>Hacktoberfest OSS</div><div>Hacktoberfest</div><div>2024</div></div><div><div>Hackathon Codecrfaters Domain Winner</div><div>IEM</div><div>2023</div></div></div>	
Publications	<div><div><div>Predictive Analysis of Autism Spectrum Disorder (ASD) Traits: Integrating Supervised Machine Learning and Exploratory Data Insights</div><div>Preprint</div><div>2025</div></div><div><div>Decoding the Vulnerabilities of Large AI Models: Practical Demonstrations and Defensive Strategies Against Poisoning, Extraction, and Prompt Injection Attacks</div><div>Preprint</div><div>2025</div></div></div>	
Languages	<div><div><div>English</div><div>Native</div><div>● ● ● ● ●</div></div><div><div>Hindi</div><div>Native</div><div>● ● ● ● ○</div></div><div><div>Bengali</div><div>Vernacular</div><div>● ● ● ● ●</div></div></div>	