

Bhavishy Agrawal

Full Stack Developer | Designer

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IIT Jodhpur, Rajasthan

Summary Versatile Computer Science undergraduate at IIT Jodhpur specializing in full-stack development, machine learning, and NLP. Proficient in modern frameworks like React, Flutter, and Node.js, with hands-on experience delivering secure applications and intelligent systems. A creative problem-solver committed to open-source contributions and using technology to drive meaningful change.

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| Technical Skills | Web Development | HTML5, CSS, JavaScript, React, Node.js, Bootstrap, Express.js, Tailwind CSS |
| | App Development | Flutter [Dart], Kotlin |
| | Data Science and Machine Learning | Machine Learning, Deep Learning, NLP, LangChain, PyTorch, TensorFlow, Keras, OpenCV, NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Flask |
| | Game Development | Unreal Engine |
| | Competitive Programming | C, C++, Python, DSA |
| | Database and Backend | SQLite, MongoDB, PostgreSQL, REST API |
| | Cloud and DevOps | Vercel, Git, GitHub, CI/CD Basics |
| | UI/UX Design | Figma, Adobe XD |

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| Creative Skills | Video Editing | Premiere Pro, DaVinci Resolve, After Effects, CapCut, Alight Motion |
| | Graphic Design | Adobe Photoshop, Lightroom, Canva, |
| | 3D Modelling and CAD | Blender, SolidWorks, Creo, AutoCAD |

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| Projects | WHISPR | <i>A minimalist messenger application completely made in C</i> <ul style="list-style-type: none">Built a secure peer-to-peer chat client using C, with AES-256 encryption and Diffie-Hellman key exchange for secure communication.Implemented socket programming, multithreading, and custom authentication for encrypted messaging over IP. |
| | JEEZY | <i>A Smart Learning companion for JEE Aspirants</i> <ul style="list-style-type: none">Developed a feature-rich Flutter app using Firebase Auth and Firestore, supporting user login, theme switching, and personalized profiles.Designed an ML-powered mentor system that analyzes test/survey responses to recommend customized preparation strategies and study plans for students. |

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| Certifications & Achievements | Complete Web Development Bootcamp [Angela Yu] |
| | Hacktoberfest 2021 Level 4 Contributor |
| | Hacktoberfest 2024 Level 4 Contributor |
| | Mastering DSA in C/C++ [Abdul Bari] |
| | Codeforces Expert [1608] |
| | Complete Flutter App Development Bootcamp [Angela Yu] |
| | Complete Data Science, Machine Learning, DL, NLP Bootcamp [Krish Naik] |

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| Relevant Links | Portfolio: bhavishyagrawal.vercel.app |
| | LinkedIn: linkedin.com/in/bhavishy2801 |
| | GitHub: github.com/bhavishy2801 |

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| Education | B. Tech in Computer Science — Indian Institute of Technology, Jodhpur | 2024-2028 |
| | Senior Secondary (Class XII) — Central Public Sr Sec School, Udaipur | 2024 |
| | Secondary (Class X) — Central Public Sr Sec School, Udaipur | 2022 |