

Ishant Gupta

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LinkedIn GitHub

Education

- **VIT Bhopal University**, Bhopal, India
B.Tech - Computer Science; GPA: 8.52 July 2022 – Present
 - **Shiksha Bharati Global School**, Dwarka, New Delhi
CBSE Class 12th, Percentage: 84 Apr 2020 – Apr 2022
 - **Tagore Senior Secondary School**, Mayapuri, New Delhi
CBSE Class 10th, Percentage: 83 Mar 2019 – Apr 2020
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Projects

- **Voice AI Agent - Nexus Auctions**
Tech Stack: Next.js, Express.js, AWS EC2, API Gateway, OmniDimension Voice AI
 - Deployed scalable backend services on AWS EC2, achieving 99.9% uptime, with API Gateway handling over 10,000 requests/day for seamless frontend-backend communication.
 - Built a fully voice-powered auction using Omnidimension platform enabling 100% hands-free user interaction for browsing, creating, and managing auctions.
 - Designed and implemented an accessible voice-first UX, using intuitive “/” shortcuts that improved task completion speed by 35% in user testing.
 - **BlockBridge - Web3 Explorer with Ether.js**
Tech Stack: React, Ether.js, MetaMask, API
 - Integrated the frontend with the Ethereum blockchain via MetaMask, enabling secure wallet connections and seamless network switching for 20+ users.
 - Retrieved and displayed real-time blockchain data using Ether.js, including block number, miner details, timestamp, and 50+ transactions per block.
 - Implemented live wallet balance monitoring to enhance user transparency and trust 100%.
 - **FoodMind – AI-Powered Diet Buddy**
Tech Stack: React.js, Node.js, Express.js, MongoDB, JavaScript, Cohere AI / GPT-3, Spoonacular API
 - Built a smart diet planner that generated personalized meals and shopping lists for 50+ users based on health goals.
 - Leveraged Cohere AI / GPT-3 for natural language understanding and integrated Spoonacular API to fetch real-time nutrition and recipe data.
 - Designed and deployed a responsive MERN app with secure authentication, achieving 100% mobile compatibility and reducing user drop-off by 30%.
 - **Jira Weather Gadget App – Atlassian ForgeQuest**
Tech Stack: Atlassian Forge, Forge UI Kit, OpenWeatherMap API, JavaScript, Forge Storage API
 - Developed a Jira gadget delivering a 5-day dynamic weather forecast, increasing user weather insight by 500% compared to the original one-day requirement.
 - Integrated real-time API data with Forge UI to build a responsive UI, improving planning efficiency for 5+ project teams.
 - Boosted engagement 25% by adding multi-city selection and persistent settings across 10+ Jira projects via Forge API.
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Research - Heart Disease Prediction using retinal images

- Integrated CNN architectures (ResNet, MobileNet, VGG16) for predicting cardiovascular diseases using retinal fundus images, achieving 79.31% accuracy with ResNet.
 - Developed and deployed a Flask-based web app allowing real-time CVD risk predictions from retinal scans, ensuring accessibility and usability across devices.
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Achievements

- Winner, Atlassian ForgeQuest Hackathon – Selected as 1st place among 2400+ global participants in a developer challenge organized by Atlassian.
- Got 21st position in CodeClash 2.0 Hackathon organized by GGSIPU University.
- Top 10 in HackMERN.AI with FoodMind, an AI diet planner.
- Internal Round Finalist, SIH (Smart India Hackathon) 2023.