

VIKRAM KUMAR

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SKILLS

- **Programming Languages:** JavaScript, Python, C++
- **Web Development:** Reacts, HTML, CSS
- **Databases:** MySQL, MongoDB, AI Database(Pinecone)
- **Frameworks:** Express.js, Tailwind CSS, Node JS
- **Cloud DevOps:** Azure, Docker, CI/CD Pipelines
- **Data Analyst:** Excel, PPT, Power BI, Tabealue, Looker

EXPERIENCE

Associate Engineer @Reliance Jio, Navi Mumbai

July 2023 - Present

- Coordinated with 10+ external partners through regular tech calls to resolve technical challenges and streamline game on boarding.
- Built 5+ sample games, integrated SDK, and gained hands-on experience with game engines like Cocos Creator and Unity, using languages such as JavaScript, Typescript, and C#.
- Completed UAT for approximately 50+ games across different platforms, including SP, STB, and JP and Reported 350+ bugs across multiple platforms while maintaining accurate data tracking.
- Managed QA and PQA status for 9,000+ games using Power BI, PowerPoint, Excel, SQL, and delivered insights through weekly/monthly presentations.

EDUCATION

Bachelor of Technology in Information Technology

LNCT Group of college, Bhopal

July 2019 -May 2023

CGPA 8.5/10

PROJECTS

Twitter Automation - AI Agent

- An AI agent using MCP Server to automate tweet posting on X (formerly Twitter) by integrating the Twitter API and enabling real-time command execution from the agent.
- Designed and implemented AI tools with Zod-based schema validation for secure and structured input, ensuring compatibility with Gemini LLM and MCP server architecture.
- Created a functional MCP server using TypeScript in VS Code, enabling tool execution and internet access for the AI agent to generate and publish tweets dynamically.

Toolstack: JavaScript, Node.js, Express.js, MCP Server, Gemini, Zod, Socket.IO, Twitter API, VS Code.

Planet Defender Game

- A **Smart-phone-based 2D game "Planet Defender"**, where players protect a planet from incoming asteroids using shooting mechanics and life-based gameplay.
- Implemented core gameplay using **canvas-based vanilla JavaScript**, including collision detection, scoring system, and power-ups with increasing difficulty.

Tech Stack: HTML5, CSS3, JavaScript (Canvas API), JioGames SDK (for ads), Custom asset.

Employee Management System

- Full-stack Employee Management System to handle employee records, attendance, leave requests, and payroll.
- Built secure role-based access with real-time HR dashboards to streamline workflows and boost decision-making.
- **Tech Stack:** React, Node.js, Express.js, MySQL, JWT, Bootstrap, RESTful APIs.

COURSEWORK & CERTIFICATIONS

- Generative AI
- Prompt Engineering

OTHER ACTIVITIES

- Participated in the Walkathones Challenge organized by Jio and secured 3rd rank in the Under-30 category.
- Attended Waves 2025 at the Jio World Centre, Mumbai, and gained insights into AI, VR, VI, gaming, digital platforms.