Bhavik Mittal
(AI & Web Developer)

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🎧 GitHub: github.com/Bhavik-Mittal-26

Summary

Software Developer skilled in Web Development, AI, and Cloud Technologies with hands-on experience building production-ready applications using React.js, Node.js, Express, MongoDB, Firebase, and Python. Developed multi-agent automation systems and AI-driven healthcare platforms with optimized performance, secure authentication, and containerized deployments using Docker. Certified Azure AI Engineer Associate and Meta Front-End Developer with strong expertise in SQL, Data Science, and system design. Recognized for delivering scalable solutions, improving efficiency by up to 90%, and leading end-to-end development from UI design to backend architecture.

Skills

- Programming: C++, Python, SQL
- Web: HTML5, CSS3, JavaScript, React.js, Node.js, Express.js
- Database: MongoDB, MySQL
- Cloud: Azure
- Tools: Git, GitHub, Figma, VS Code, Version Control
- AI/DS: NumPy, Pandas, Seaborn, OpenCV
- APIs: Gemini API, REST API

Projects

Multi-Agent Task Office Automation | Demo: deluxe-semifreddo-adeae8.netlify.app | *HTML , CSS , Javascript , React.js , Node.js*

October 2025 – November 2025
- Engineered a multi-agent system with 4+ autonomous agents (allocation, execution, monitoring, logging) to streamline office automation workflows.
- Optimized communication for low-bandwidth networks, reducing message payload by ~40%, ensuring reliable operations in rural setups.
- Built a dashboard to visualize 15+ task metrics, improving monitoring efficiency and reducing manual tracking by 60%.
- Containerized the entire system using Docker, achieving consistent multi-environment deployment and faster setup by 70%.

DigitalVaidya | Demo: digital-vaidya1.netlify.app/ | *React.js , CSS , Flask , Python , Firebase , API Integrations , OpenCV*   **November 2025 – Present**

- Built an AI healthcare platform that processes 25+ symptom types, 6 languages, and 3 input modes (text, voice, 3D mapping) for faster user assessment.
- Developed a 3D body mapper enabling users to mark 40+ body regions, improving symptom precision by ~35%.
- Generated auto-formatted PDF reports reducing manual documentation time by 90% using ReportLab & Flask backend.
- Implemented secure auth (Email/Google/FaceID), supporting 100% verified logins and seamless data syncing via Firebase Firestore.

Awards & Certifications

- o **Microsoft Certified**: Azure AI Engineer Associate (AI-102) — Microsoft (Oct 2025 – Oct 2026)
  Skills: Azure, Cloud Computing, Artificial Intelligence, Machine Learning
- o **Oracle Cloud Infrastructure** 2025 Certified Data Science Professional — Oracle (Oct 2025 – Oct 2027)
  Skills: Data Science
- o **Meta Front-End Developer Certification** — Meta (Apr 2025)

Skills: Front-End Development, UI Development
- o **NPTEL: Database Management Systems (DBMS)** — IIT Kharagpur (Apr 2025)
  Skills: DBMS, SQL, MySQL
- o **Web Development Certification** — Codextra Protech Pvt. Ltd.
  Skills: Web Development, HTML, CSS, JavaScript
- o **Hackathon winner –** Won the hackathon Codfiesta 4.0

Training

R-CAT(Rajasthan Centre Of Advanced Technology) Advanced Data Science & AI Training — 2 Months (2025)
- Completed a comprehensive 2-month RCAT training covering Python programming, NumPy, Pandas, Seaborn, data preprocessing, data visualization, and end-to-end Data Science workflows.
- Gained hands-on experience with Agent-based AI concepts, automation logic, and real-world AI applications.
- Successfully completed integrated Microsoft Azure AI Engineer (AI-102) training as part of the program and earned the Microsoft Certified: Azure AI Engineer Associate certification.

Education

B.Tech in Computer Science

Poornima College Of Engineering , Jaipur

Publication

Review on Local News's Transition Towards Digital Media [🔗 link]
International Journal of Information Security Engineering · May 22, 2024
STM Journal — Published peer-reviewed research paper during first year.