BHAKTI AGRAWAL

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SUMMARY

MERN Stack Developer with experience in building scalable and responsive web applications. Strong problem-solving skills with 150+ LeetCode problems solved. Skilled in integrating **AI-powered tools** such as **OpenAI API, LLM, and UI/UX design AI tools like Figma AI**. Passionate about **clean code, performance optimization, and creating impactful full-stack solutions.**

PROFESSIONAL EXPERIENCE

Freelance Full Stack Developer | Self employed   *June 2025 – Present*
- Developing a secure Learning Management System (LMS) with **OTP-based authentication**, **advanced video protection**, and **payment integration**.
- Built **responsive dashboards** for students, instructors, and admins, including **course creation, enrollment, and management features**.
- Managing the **end-to-end development lifecycle** from initial project scoping and architecture design to.
- Handling **client communication, requirement gathering, and feedback loops** to ensure alignment with business goals and customer satisfaction.

*Tech***:** Next.js, React.js, TypeScript, Tailwind CSS, MongoDB, Email.js, Vdocipher

SparkStartSolutions | MERN Stack Developer Intern   *April 2025 – May 2025*

- Built responsive, SEO-friendly websites using React.js and Tailwind CSS.
- Developed reusable UI components and implemented routing with React Router.
- Enhanced interactivity with animation libraries, improving user engagement.

SKILLS

- **Programming Languages**: JavaScript, C++
- **Frontend Technologies**: HTML, CSS, Tailwind CSS, React.js, Redux Toolkit, Framer Motion
- **Backend Technologies**: Node.js, Express.js
- **Database**: MySQL, MongoDB, Cloudinary
- **AI Tools & Frameworks:** OpenAI API, Large Language Models (LLMs), Figma AI, and Galileo AI
- **Programming Tools:** Git, GitHub, VS Code
- **Soft Skills**: Leadership, Problem-solving, Teamwork
- **Other:** Blender3D, 3D Modeling

ACADEMIC PROJECTS

Logic Loom – Full Stack | GitHub | Live   *March 2025- April 2025*
- Built an online IDE with **multi-language support (10+ languages),** code snippet sharing, and execution history tracking.
- Integrated **Clerk authentication** and **Convex database** for secure onboarding and data persistence.
- Designed **dashboard analytics**, VSCode-like customization, webhook integrations, and **Free/Pro pricing plans**.

*Tech***:** Next.js 15, React.js, TypeScript, Zustand, Convex, Clerk, Monaco Editor, Tailwind CSS

Job Portal – MERN Stack | GitHub | Live   *January 2025 – March 2025*
- Developed a full-featured **Job Portal** with role-based dashboards for **users, companies, and admins**.
- Implemented **authentication, authorization, and profile management**, including resume uploads with **Multer** and **Redux Toolkit** for state persistence.
- Built dynamic pages for **job listings, applications, search, and filtering**, along with **admin panels** for managing companies, jobs, and applicants.

Tech: React.js (Vite), Node.js, Express.js, MongoDB, Redux Toolkit, ShadcnUI, Multer, Framer Motion

MediaGen – JavaScript | [GitHub](#) | [Live](#)   *January 2024- March 2024*

- Developed a **stock media platform** with advanced search, filtering, and dark/light mode support.
- Implemented **favourites functionality** for quick media access.
- Applied **Material 3 UI principles** to deliver a modern, responsive, and intuitive experience.

*Tech***:** JavaScript, HTML, CSS, Material UI, VS Code, Git

COURSES AND ACTIVITIES

- **MERN Developer Internship** – Saarthi AI Pvt. Ltd.
- Hack **AI Hackathon** – Sustainable AI Development | Certificate of Participation

  Built an AI-powered accessible learning platform (SDG4: Quality Education) with Text-to-Speech, Hand Gesture Recognition.
- **React.js Certification** Course – **GeeksforGeeks**
- CS302: **Software Engineering** – Saylor Academy
- Solved **100+ coding problems** on LeetCode, strengthening data structures and algorithmic skills.
- Solved **50+ SQL problems** on LeetCode, enhancing database querying and optimization expertise**.**

EDUCATION

- Lovely Professional University, Punjab | Master of Computer Application (MCA) – **8.1 CGPA**   **August'23 - May'25**
- ITM Group of Institutions, Aligarh | Bachelor of Computer Application (BCA) – **75 Percentage**   **August'20 - May'23**