Ayush Kumar
Full Stack Mern Developer

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CAREER OBJECTIVE

Full Stack Mern Developer with 1 year of experience (including 6-month internship), specializing in AI solutions and scalable web applications. Optimized application performance forty percent through automated testing and efficient architecture.

TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, Java, C   **Database:** MongoDB Atlas, PostgreSQL, Redis, Oracle

- **Frontend:** React.js, Next.js, Redux, RTK-Query, Immer Js, Tailwind CSS **Cloud & DevOps:** Git, Github, CI/CD

- **Backend:** Node.js, Express.js, Prisma, REST APIs   **Testing & Tools:** Jest, Postman, Third-Party API Integration

- **AI/ML Tools:** OpenAI, Lang Chain, Gemini   **Project Management:** Jira, Plane

Professional Experience / Relevant Internship

Full Stack Mern Developer Fitelo(No Guilt Fitness & Nutrition India Pvt Ltd.)   **Mohali, Punjab |** *Oct 2023 - Present*
- Development of enterprise MERN stack application serving 10,000+ daily users with 60% performance improvement using Redis/PostgreSQL optimization.
- Engineered AI-integrated RESTful APIs achieving 99.9% uptime with 100K+ monthly requests using Node.js/Express/Prisma.
- Built a React.js/TypeScript app reducing data processing time by 50% with OpenAI and Lang Chain integration. .

Industrial Projects

Admin panel dashboard (Fitelo) | Mern stack | Redis | Thirty Party Integration | Project
- Built MERN dashboard handling 5K daily transactions, automated 70% tasks improved speed by 45% with real-time sync.
- Used React/Node/TypeScript to create analytics, user management/reporting system for enterprise clients.

Personal Project

AI SAAS APP (Mern Stack) | OpenAI | Lang chain | PostgreSQL | Stripe| Project
- Developed MERN/OpenAI platform achieving 40% faster responses/handling 5K+ daily API calls with real-time processing.
- Built Stripe/PostgreSQL payment system processing 100K+ transactions with 2K+ users/zero fraud incidents.
- Implemented Redis/PostgreSQL queuing improving scalability by 45% with 99.9% uptime 30% cost reduction.

Clash.io Application (Mern Stack) | TypeScript | Redis | Queues | PostgreSQL | Project
- Built MERN/TypeScript application handling 10K+ daily requests with type-safe architecture / 50% faster performance.
- Created Redis/PostgreSQL queue system managing 1M+ monthly tasks with 40% reduced processing time.
- Implemented Redis caching achieving 65% faster responses with 80% hit rate serving 5K+ active users.

Achievements / Certification

- IIIT Allahabad **|**Actively Participated in Intensive 5-Day workshop immersing in Advanced AI Deep Neural Networks.

- Geeks for Geeks **|** Consistently Ranked in the Top 65 at My College **|** Achieved the Highest Rating of 74 (Jun. 2021)

- Solved 200+Question different Online Platforms Geeks for Geeks and Hacker Rank.

Educational / University

Masters of Computer Applications *(Uttarakhand Technical University)*   **Dehradun, India** *2021-2023*
Bachelor of Commerce   *(Mahatma Jyotiba Phule Rohilkhand University)*   **Bareilly, India** *2018-2021*