

# Ayush kaushik

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)



## PROFESSIONAL EXPERIENCE:

### Tata Consultancy Services, Kolkata, India — Frontend Developer

Jun 2021 – Aug 2024

- Developed UI features for internal applications using React and TypeScript, following established team coding standards and UX guidelines to ensure consistent, high-quality software delivery across the platform
- Wrote and maintained comprehensive unit, component, and regression tests to ensure software reliability; systematically assisted with bug fixing that improved application stability and reduced production issues
- Actively participated in code review process, providing and incorporating constructive feedback from senior developers to maintain code quality and adhere to team standards across 30+ reusable components
- Collaborated closely with business and IT stakeholders in international environment, preparing for and contributing to meetings including demos, technical clarifications, and follow-up actions to align development with requirements
- Created and iterated on mock-ups and prototypes using design tools, incorporating stakeholder feedback throughout development cycle to ensure UI features met business needs and user expectations
- Documented UI components, development workflows, and technical information to support team knowledge sharing and onboarding, creating comprehensive internal documentation for component library
- Demonstrated strong analytical skills and solution-oriented mindset by systematically debugging complex technical challenges and implementing optimizations that achieved 22% performance improvement
- Worked effectively in international, multicultural team environment, collaborating across time zones with backend engineers, product managers, and designers while being aware of intercultural differences
- Used Git version control workflows for collaborative development, maintaining clean commit history and following branching strategies aligned with team practices.

## PROJECTS

### MobiBattle | [mobibattle.com](#)

Online Multiplayer Gaming Platform

- Developed UI features for real-time platform using React and TypeScript, following consistent coding standards and implementing responsive design patterns aligned with UX guidelines
- Wrote unit and component tests to ensure high-quality software delivery, implementing regression testing strategies to catch issues early in development cycle
- Participated in peer code reviews, incorporating feedback to improve code quality and maintainability of frontend components
- Collaborated with backend team and stakeholders through regular demos and technical discussions, documenting API integration patterns and component usage
- Used Git for version control, maintaining organized workflows and clean commit messages to support team collaboration

## Job Related Abilities

### Problem-Solving & Analytical Thinking

- Systematic debugging of complex technical challenges; experience analyzing Core Web Vitals and performance bottlenecks
- End-to-end solution design across full technology stack (frontend, backend, databases)

### Client-Facing Communication & Stakeholder Management

- Proactive communication of technical blockers and project progress to cross-functional stakeholders in fast-paced environments
- Translated business requirements into technical solutions (gaming platform, internal corporate tools, e-commerce systems)

### Team Leadership & Knowledge Transfer

- Led frontend development for distributed 6-person team; mentored teammates on Git workflows and modern frontend best practices
- Established coding standards and architectural patterns that accelerated team velocity by 22%

### Technical Implementation & Innovation

- Frontend development expertise with handson backend: React, Node.js, TypeScript, API integration, real-time systems (Socket.io)
- Demonstrated ability to rapidly learn and integrate emerging technologies (AI/ML APIs, cloud platforms)

## **Content Management System | Internal Corporate Tool**

- Developed customer-facing interfaces with React and TypeScript for user and role management, writing maintainable, documented code with clean architecture
- Implemented features end-to-end including design, development, testing, and deployment for business-critical internal applications
- Built optimized solutions for data processing and file uploads, demonstrating commitment to quality and performance in production services.

## **ACADEMIC PROJECTS**

### **Einkaufszentrum – Full-Stack University Marketplace | Global Distributive Software Development Project | [Link](#)**

- Led frontend development for customer-facing marketplace using React and TypeScript, architecting maintainable, reusable component structure for distributed team of 6 developers
- Took end-to-end ownership of frontend architecture, establishing coding standards and documentation practices that improved team velocity and code quality
- Implemented 15+ documented, testable React components following industry best practices, mentoring teammates on modern frontend development and Git workflows
- Worked collaboratively in agile environment with bi-weekly SCRUM meetings and sprint planning, communicating proactively about progress and technical decisions
- Deployed production-ready application on schedule while maintaining high quality standards and continuously reducing technical debt

### **Netflix GPT – AI-Powered Recommendation Engine | [Link](#)**

- Built customer-facing web application using React, TypeScript, and modern frontend stack, integrating external APIs for enhanced user experience
- Demonstrated passion for staying current with software engineering trends by implementing cutting-edge AI/ML integration patterns
- Created responsive, user-friendly interfaces focusing on customer satisfaction and conversion optimization

## **EDUCATION:**

### **M.Sc. Global Software Development**

**Hochschule Fulda | Fulda, Germany | Oct 2024 – Present**

- Currently enrolled full-time in degree-seeking program; eligible for summer 2026 internship
- Relevant Coursework: Building Web and Mobile Apps, Distributed Applications, Parallel Programming, Global Distributed Software Development, Cloud Computing ETC.
- Actively expanding knowledge in cloud architectures and distributed systems relevant to consulting delivery

### **B.Tech Computer Science (CGPA: 8.27)**

**Guru Nanak Dev University | Amritsar, India | 2017 – 2021**

- Completed comprehensive computer science curriculum with strong foundational knowledge in algorithms, software architecture, and systems design.
- Computer Engineering Student Society Team Lead.

## **CURRENT STATUS:**

- Available for working student position (20 hours/week) | Available immediately
- Based in Frankfurt, Germany with ability to relocate for hybrid work (2+ days/week in office)
- Currently pursuing M.Sc. in Germany (student work authorization confirmed)

## **Project Delivery & Agile Methodology**

- Consistent on-time delivery in agile environments (SCRUM, sprint planning, bi-weekly reviews)
- Managed competing academic and professional commitments while maintaining high code quality

## **TECHNICAL PROFICIENCY:**

**Frontend Development:** React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Next.js, Redux  
**Testing & Quality:** Unit testing (Jest), Component testing (React Testing Library), Regression testing, Bug fixing, Quality assurance

**Version Control:** Git, GitHub, GitLab workflows, Code review practices, Branching strategies

**Cloud & DevOps:** Microsoft Azure (basic knowledge, eager to expand), CI/CD concepts, Cloud deployment

**Backend & APIs:** Node.js, Express.js, RESTful APIs

**Databases:** MongoDB, MySQL  
Tools: VS Code, Chrome DevTools, Performance Profiling, Webpack

**Methodologies:** Agile/SCRUM, Code reviews, Documentation, Stakeholder collaboration, UX guidelines

## **LANGUAGES:**

**English** – Professional/Fluent (professional workplace communication)

**German** – A2 (learning; actively improving for German workplace)

**Hindi** – Native