ABHIJEET SACHAN

Full Stack Developer

✉ abhijeetsachanwork@gmail.com | 📞 +91-8318328148 | ⓞ Github | 💼 LinkedIn

Professional Summary

Full Stack Developer with 1.5+ years of hands-on experience, including 4 months of professional work at Srstha Tech Solutions. Skilled in building scalable web applications using React.js, Node.js, and modern web technologies. Proven ability to optimize system performance (30%+), develop and integrate RESTful APIs, and deliver user-focused solutions. Strong foundation in JavaScript, Python, FastAPI, and SQL, with a passion for clean architecture, database efficiency, and cross-platform responsiveness.

Professional Experience

- **Associate Web Developer** Apr 2024 – Jul 2024
  Srstha Tech Solutions 🔗 *Hyderabad, India*

  - Optimized web application performance using React.js, Node.js, and Express.js, achieving 40% faster load times and improved system scalability for 500+ concurrent users.
  - Diagnosed and resolved 25+ critical backend issues through systematic debugging and performance analysis, reducing system downtime by 60%
  - Designed responsive web interfaces using HTML5, CSS3, and JavaScript, enhancing UI/UX design and boosting user engagement by 30% across mobile and desktop platforms.

Technical Projects

- **Echoes and Edits - Blog Platform** 🔗 | *React.js, Node.js, Express.js, MySQL, JWT* *Apr 2025*
  - Architected full-stack blogging platform with JWT authentication, role-based access control, and responsive design supporting 100+ device types and 1000+ concurrent users.
  - Engineered scalable RESTful API backend using Node.js, Express.js, and MySQL database, efficiently handling 10,000+ blog posts with optimized query performance.
  - Imposed content recommendation system using category-based algorithms, achieved a 35% increase in user engagement and 25% rise in session duration.

- **Store Monitoring System** 🔗 | *Python, FastAPI, SQLAlchemy, Pandas, PostgreSQL* *Nov 2024*
  - Developed enterprise-grade monitoring system for 1,000+ retail stores across 5+ time zones with 99.9% uptime and real-time data processing capabilities.
  - Built asynchronous RESTful APIs using FastAPI and SQLAlchemy ORM for automated CSV report generation, improving delivery time by 70% and reducing manual errors.
  - Implemented comprehensive error handling, data validation, and logging mechanisms ensuring system reliability and maintaining data integrity for critical business operations.

- **Virtuale - Video Conferencing Platform** 🔗 | *Next.js, WebRTC, TypeScript* *Aug 2024*
  - Built scalable video conferencing platform with real-time communication supporting 50+ participants, increasing user engagement by 50% through intuitive UI/UX.
  - Integrated WebRTC for peer-to-peer communication, Stream.io SDK for high-quality video streaming, and Socket.io for real-time chat functionality.
  - Introduced advanced features including meeting scheduling, screen sharing, chat functionality, and personal rooms using TypeScript for type safety.

Technical Skills

Programming Languages: JavaScript, Python, TypeScript, SQL, C++, HTML5, CSS3
Frontend Development: React.js, Next.js, Redux, Tailwind CSS, Bootstrap
Backend Development: Node.js, Express.js, FastAPI, RESTful APIs, Socket.io
Databases & Cloud: MySQL, PostgreSQL, MongoDB
DevOps & Tools: Git, GitHub, Postman, VS Code
Libraries & Frameworks: NumPy, Pandas, SQLAlchemy, JWT, WebRTC, Material-UI

Certifications & Training

- **The Complete Web Development Bootcamp** 🔗- Dr. Angela Yu (Udemy): Comprehensive full-stack development training covering JavaScript, Node.js, Express.js, React.js, SQL, MongoDB, and RESTful API development

- **Python for Data Science, AI & Development** 🔗- IBM (Coursera): Advanced Python programming, data manipulation with Pandas and NumPy, web scraping, and machine learning fundamentals

Education

- **Bachelor of Technology in Electronics and Communication Engineering** 2020 – 2024
  Manipal University Jaipur *Jaipur, India*
- CGPA: 8.3/10.0