

Ahmad Chand

Phone: (+92) 3344118080 (Mobile) | Email address: theahmadchand@gmail.com | Website: www.ahmadchand.cc
| LinkedIn: linkedin.com/in/theahmadchand

About myself

Full Stack Engineer with 6+ years of experience in React.js, Node.js and TypeScript. Skilled in building scalable web applications, I excel at understanding user requirements and creating robust solutions. Experienced in leading projects and collaborating with cross-functional teams for clear communication and timely delivery. Committed to agile methodologies and thorough testing to ensure maintainable and reliable code. Proficient in modern tools and practices to enhance development processes and outcomes.

Skills

Frontend | JavaScript | TypeScript | React.js | Next.js | Tailwind CSS | Webpack | Storybook | Test Automation

Backend | Node.js | Express.js | PostgreSQL | MongoDB | Microservices | REST API | AWS | Docker | CI/CD

Work experience

Senior Software Engineer | ILI Digital AG | 01/01/2023 - Current

- Designed and developed flight planning systems for Volocopter GmbH using **React, TypeScript, and Webpack**.
- Implemented safety features like battery alerts, route suggestions, and real-time weather updates.
- Led end-to-end product development: requirements, partner coordination, testing, and metrics setup.
- Integrated CI/CD pipelines and performed code reviews, load, stress, and various testing methods.
- Worked with German companies, gaining experience in cross-cultural teamwork and project management.

Software Engineer | ILI Digital AG | 01/03/2022 - 31/12/2022

- Led development of online financial systems for Volksbank GmbH, serving over **1 million users**.
- Optimized BASF Battery Recycling, **cutting processing time by 13%** with real-time consumer updates.
- Developed scalable APIs in **Node.js** with **API Gateway**, enhancing security using **AWS Secret Manager**.
- Implemented unit and integration testing, ensuring high code quality in a **microservices architecture**.

Associate Software Engineer | Crunch Craft | 01/04/2019 - 28/02/2022

- Built KIPS LMS, Publications, and Virtual platforms using **Node.js, Nest.js, PostgreSQL, and React.js**.
- Created an analytics dashboard with **Chart.js** for visual summaries, aiding strategic board decisions.
- Led development of cancel, return, and exchange systems, ensuring smooth user experiences.
- Implemented encryption and MFA, strengthening security for sensitive data and transactions.
- **Reduced page load times by 9%**, enhancing system responsiveness and user satisfaction.

Projects

VololQ

VololQ, by Volocopter GmbH, presents sustainable urban air mobility solutions, including electric vertical takeoff and landing (eVTOL) air taxis for safe and efficient urban transportation.

Volksbank Digital Solution

Volksbank Digital Solutions, a subsidiary of Volksbanken Raiffeisenbanken, offers digital financing solutions including online platforms, payments, mobile apps, and financial tools.

BASF Battery Recycling

BASF Battery Recycling streamline the entire recycling process, ensuring consumers received real-time updates on recycling status and delivery, improving efficiency and transparency.

Education & Training

Bachelor's of Science in Computer Science | COMSATS University Islamabad