

TOM DOSSMAN

FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer passionate about blending artistic design and technology to build clean, modern web applications. Skilled in leveraging AI-assisted development tools and emerging technologies to boost efficiency, elevate product quality, and contribute to high-performing, forward-thinking teams.

EDUCATION AND CERTIFICATION

Full Stack Development Certification | University of Pennsylvania

Sep 2023 – Mar 2024

Bachelor's degree | Pennsylvania State University, Main Campus

Aug 2010 – Dec 2015

TECHNICAL SKILLS

HTML | CSS | JavaScript | TypeScript | Angular | React | Node | Express | Python | UI/UX Design | Figma | Bootstrap | ORMs (Sequelize) | PostgreSQL | Jest | Data Encryption/Decryption | Debugging | Version Control (Git) | ChatGPT | Claude | Google

SOFT SKILLS

Communication | Collaboration | Problem Solving | Attention to detail | Commitment to growth

WORK EXPERIENCE

Full Stack Developer Intern | AllianceTek Inc | Remote

Jun 2024 – Present

- Generate dynamic, responsive web applications using Angular.ts and React.js, delivering modern, engaging components and seamless interfaces.
- Configure RESTful APIs with Node.js, optimizing data exchange and improving frontend-backend communication.
- Administer secure authentication and authorization using tools like JWT, enhancing application security.
- Implement AES and PGP-based encryption and decryption techniques across API services to protect sensitive data in transit and at rest, reinforcing secure data handling in production environments.
- Design PostgreSQL queries, stored procedures, and triggers to enforce data integrity, manage complex business logic, and support efficient data operations.
- Modularize front and backend logic into scalable service layers, applying middleware and reusable utilities to streamline maintenance, testing, and collaboration.
- Utilize AI tools, documentation, and forums to efficiently solve development challenges, accelerate delivery timelines, and improve code quality.