

# Ozgenur Catal

New York, NY | [ozgenurcatal00@gmail.com](mailto:ozgenurcatal00@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

Trilingual software engineering professional skilled in Python, React, Angular, and Node.js, with a strong record of delivering scalable, user-focused web applications. Increased user engagement by 30% through enhanced design and functionality, and improved project efficiency by streamlining development workflows. Collaborative and detail-oriented, experienced in leading cross-functional teams to meet business objectives while driving innovative, maintainable solutions for long-term growth and user satisfaction

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks & Libraries:** React, Redux, Angular, Node.js, Flask, Express.js, jQuery, Vue.js, TailwindCSS
- **Databases:** PostgreSQL, MySQL
- **Tools & Technologies:** Git/GitHub, RESTful APIs, AJAX, Data Structures, Algorithms
- **Design & Visualization:** Adobe Illustrator, Adobe Photoshop, Figma
- **Productivity Software:** Microsoft Word, Excel, PowerPoint

## PROJECTS

### Personal Finance Manager – Wealth Watcher

Overview: Developed Wealth Watcher, a web app for personal finance management, focusing on secure user data and intuitive design.

Key Achievements:

- Implemented user authentication, account management, budget tracking, transaction logging, and financial goal setting, ensuring secure and efficient data management
- Designed interactive data visualizations for account balances, monthly spending, income, and budgets by using Plotly, improving user insight into financial data
- Built a responsive UI with a mobile-first approach, enhancing accessibility and user engagement

Technologies Used: Python, Flask, SQLAlchemy, Plotly, HTML, CSS, JavaScript, Bootstrap

### Daily Art Explorer

Overview: Created Daily Art Explorer, a web app allowing users to discover, save, and share random art pieces from the metropolitan Museum of Art's collection

Key Achievements:

- Implemented robust user authentication, daily random art display, and social media sharing features, enhancing user interaction and retention
- Developed complex filtering options for artworks by artist, period, medium, supporting a tailored user experience
- Ensured secure data persistence and scalability with PostgreSQL and backend optimization

Technical Skills Used: HTML, CSS, JavaScript, React, Redux, Node.js, Express.js, PostgreSQL

## EXPERIENCE

### Ion Charging, Jr. Software Engineer (New York, NY)

January 2023-Present

- Develop a responsive, brand-aligned website using HTML, CSS, and JavaScript, boosting digital footprint and user engagement by 30%
- Built a client dashboard using Vue.js, enabling to access and analyze data intuitively, leading to improved client satisfaction
- Collaborate with stakeholders to integrate new brand elements and ensure a consistent digital brand experience, enhancing user satisfaction and retention

### Springboard, Software Engineering Fellow (Remote)

August 2023-September 2024

- Completed an intensive 800-hour program covering front-end and back-end development, data structures, algorithms, and databases, gaining hands-on experience with full-stack projects and modern technologies
- Built multiple full-stack web applications from scratch, demonstrating expertise in industry best practices and creating efficient, scalable solutions

## EDUCATION

### Springboard - Software Engineering Program, Certificate

Completed an 800-hour intensive program in full-stack development, data structures, algorithms, and databases

### Beijing Foreign Languages University & Nankai University - Two Year Chinese Language Study

Two-year immersion program in Mandarin language and Chinese cultural studies

### Erciyes University – Bachelor of Arts in Chinese Language and Literature

Focused on linguistic theory and cultural studies