

# Bach Le

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## Work Experiences

- Software Engineer, OHOS Media** (Digital Studio) - New York, NY September 2023 – Present
- Engineer and deliver 8+ custom client websites using React, Next.js, and modern web technologies, resulting in a 60% increase in overall client user engagement
  - Develop scalable, responsive web applications for diverse client needs, ranging from AI applications, and e-commerce platforms to content management systems
  - Lead client consultations and collaborate with cross-functional teams to understand business objectives, translating requirements into technical solutions that drove measurable business outcomes
- Full Stack Software Engineer, Plante** (Eco-friendly plant pots) - Remote, Australia February 2023 – January 2024
- Engineered high-volume, scalable [e-commerce web application](#) using *React*, *JavaScript*, and *Next.js*
  - Collaborated with two product managers, two designers, and stakeholders to deliver high-quality applications
  - Architected and maintained reusable React components within component library, improving development efficiency
  - Conducted code reviews and provided feedback to 4 developers to ensure code quality, maintain consistency, and foster best practices across the team
- Software Engineer Intern, The Markup** (Non-profit newsroom) - New York, NY June 2023 – August 2023
- Revamped [Blacklight](#) & Blacklight API, high-traffic tools that expose privacy issues, improving system performance
  - Implemented unit and integration tests to ensure code quality and prevent regressions
  - Initiated three new features: targeted URL scans, API Key system, and refined API structure and documentation
  - Leveraged data-driven insights to grasp user needs, resulting in improved features and higher user engagement
- Full Stack Software Engineer Intern, Ra Labs** (Startups incubator) - New York, NY February 2023 – May 2023
- Built an e-commerce system for a cryptocurrency platform using React, integrating with backend services, resulting in a functional and scalable platform
  - Partnered with product and design teams to create new user-facing experiences and improve existing ones, leading to a more intuitive and engaging user interface
  - Wrote unit tests and performed code reviews to maintain high code quality and catch potential issues

## Technical Projects

- Viewfinder** - *Javascript, Node.js, React, AWS Lambda, Amazon API Gateway, AWS Amplify* [Production](#) | [GitHub](#)
- Developed mobile-responsive full-stack AI art search engine from the ground up using React, Node.js, and AWS
  - Integrated OpenAI API and prompt engineering to deliver powerful and user-friendly search capabilities
  - Implemented tracking metrics to gather insights, identify potential issues, and improve application
- Z-define** - *Javascript, Python, ReactJS, PostgreSQL, Supabase, Selenium, NLTK* [Production](#) | [GitHub](#)
- Built full-stack web app from scratch using React, Node.js, and Python to turn large datasets into scalable solutions
  - Utilized PostgreSQL and Supabase to design and implement a robust database architecture, enabling efficient data management and real-time updates for a scalable dictionary application
  - Showcased strong problem-solving skills and ability to master new tech stacks to bring idea to life rapidly
- Moodr** - *Javascript, Ruby, NextJS, PostgreSQL Capacitor, Render* [Prototype](#) | [GitHub](#)
- Developed full-stack app combining user data and responses to generate insights, taking customer-centric approach
  - Engineered custom database and REST API using Ruby on Rails, ensuring scalability and performance

## Education

**Fordham University** – Bachelor of Science in Information Systems Class of 2024  
Event Manager; Campus Wellness Educator; Vietnamese Association Student Leader. Honor: Cum Laude (GPA: 3.7)  
Relevant coursework: System Analysis, Web and Mobile App Design and Development, Database System, Web Analytics

**Flatiron School** – Computer Science and Full Stack Software Engineering August 2022

## Technical Skills

**Languages:** JavaScript (JS), TypeScript (TS), Python, Ruby, SQL, HTML, CSS, PHP

**Frameworks and Libraries:** React, React Native, Next.js, Node.js, Ruby on Rails, Tailwind CSS, Flutter

**Cloud and Databases:** AWS, GCP, MongoDB, PostgreSQL, Supabase, Firebase

**Tools:** GitHub, Jira, Agile/Scrum, Figma, Postman, Sentry, JSON/REST, GraphQL NPM