

# VIDIT KHANDELWAL

Phone Number: (765) 301-1174 | Email Address: [viditk17@gmail.com](mailto:viditk17@gmail.com) | Online Portfolio: <https://viditkhandelwal.com>

LinkedIn: <https://linkedin.com/in/viditkhandelwal> | GitHub: <https://github.com/csvidit>

## EDUCATION & HONORS

**DePauw University** | Greencastle, Indiana **August 2019 – May 2023**

**Bachelor's Degree, Computer Science and Economics**

- **GPA:** 3.87 (cumulative), 3.87 (major), 3.80 (minor)
- **Selected Awards:** Outstanding Service to the Computer Science Department, Computer Science Honor Society, ITAP Honors Program, Dean's List all semesters, Summa Cum Laude Latin Honors

**New College, University of Oxford** | Oxford, United Kingdom

**September 2022 – December 2022**

**Visiting Student, International Economics and Creative Writing**

## WORK EXPERIENCE

**Software Development Engineer**

**September 2023 – Present**

**Pixus Inc. | Remote**

- Improved UX by 35% based on alpha testing with a revamped user interface using Jetpack Compose and Kotlin coroutines
- Reduced development time by 30% through code optimization, agile practices, and clean architecture principles
- Integrated the app with Firebase Auth, added data fetching using Realtime Database, and image retrieval from Storage
- Coordinated with developers to resolve product bugs and improve integration of the entire stack with image processing APIs

**Software Engineer Intern**

**June 2022 – December 2022**

**Pixus Inc. | Remote**

- Spearheaded development of CaptureNoire, a photography app catering to diverse skin tones, with an upcoming beta release
- Applied best practices in UI/UX design, object-oriented principles, and Android development as sole CS expert at a startup
- Engineered a high-quality image processor that achieved results 90% equivalent to competitor apps with 30% less complexity
- Maximized compatibility and optimized RAM usage based on device type by providing backward compatibility across SDKs

**IT Engineer Intern**

**June 2021 – August 2021**

**DePauw University Information Services | Greencastle, Indiana**

- Collaborated to deploy new hardware and software solutions on 50+ locations across campus with zero disruptions
- Resolved 95% of help desk tickets within 30 tickets, ensuring timely and efficient support for all users and stakeholders

**Web Developer Intern**

**August 2020 – December 2020**

**DePauw University Web Services | Greencastle, Indiana**

- Achieved an SEO boost of over 60% by leveraging powerful tools including BigTree analytics and PageSpeed Insights

**ITAP Intern**

**August 2019 – May 2020**

**DePauw University ITAP Institute | Greencastle, Indiana**

- Increased student engagement through enhanced classroom experiences using data visualization technologies such as Tableau

## SELECTED PERSONAL PROJECTS (Source code and other projects on GitHub)

### Squawk Social

- A social media platform targeted towards Gen Z, with the primary purpose of engagement being unconventional emojis
- MVP made using TypeScript, Next.js 13, Supabase (Storage and Cloud PostgreSQL), Auth0, and Tailwind CSS

### Turbobiz

- A web app that uses OpenAI's GPT-4 LLM to generate business ideas based on desired country, location, and size
- Made using TypeScript, Next.js, and Firebase (Firestore and User Authentication), and deployed using GitHub CI on Vercel

## SKILLS

**Programming Languages:** Java, TypeScript, Kotlin, JavaScript, Swift, Python, C++, HTML5, CSS3, SQL, GraphQL

**Cloud Platforms and Services:** Firebase, Supabase, Google Cloud Platform (GCP), Docker, AWS, Vercel, DigitalOcean

**Frameworks & APIs:** Next.js, React, Tailwind CSS, Redux, jQuery, Pandas, NumPy, OpenAI, Auth0, Jetpack Compose, Retrofit

**Development Tools & Processes:** Git, GitHub, Unit Testing, A/B Testing, MVC, MVVM, CI/CD, VSCode, Android Studio, Figma

**Other Tools & Software:** ZSH, GitHub, Jira, Excel, Word, Hygraph CMS, Affinity Suite, Tableau, ArcGIS, Trello, Asana, Notion

## EXTRACURRICULAR EXPERIENCE

**Co-Founder**

**August 2022 – May 2023**

**DePauw International Computer Science Association**

- Supervised operational framework by overseeing contracts and constitutional adherence, increasing efficiency by 50%

**The Pitch Program**

**June 2022 – August 2022**

**TechPoint**

- Won \$8000 prize as part of the University team for developing a solution to increase tech jobs involvement in Indiana

**International Student Ambassador**

**June 2021 – May 2022**

**DePauw University Center for Diversity and Inclusion**

- Conducted 5-day International Orientation with 10 ambassadors, 8 information sessions, and mentorship for first-years