

Vidhu Aggarwal

📞 0761501944

✉️ vidhu987@gmail.com

🌐 linkedin.com/vidhuagg

🐙 github.com/vidhuagg

Education

KTH Royal Institute of Technology

Expected Graduation May 2024

Bachelor of Science in Information and Communication Technology (GPA: 4.40 / 5.00)

Stockholm, Sweden

- **Relevant Coursework:** Data Structures and Algorithms (java), Programming 1 (java), Programming 2 (elixir), Computer Hardware Design (c), Mobile App Development (Kotlin), Internet Marketing, Project in ICT (React)

Experience

Twine Integrations

Feb 2024 – Present

Junior Frontend Developer

Stockholm, Sweden

- Leveraged Puppeteer to automate repetitive tasks in HR and payroll systems.
- Developed CLI tools for user profile creation and deletion, reducing processing time by 90% and significantly improving operational efficiency within the HR and payroll departments.

Skry

Sep 2022 – May 2023

Software Development Consultant

Stockholm, Sweden

- Engineered a Slack bot based on thesis research, reducing employee time spent on time reporting by an average of 60%. This streamlined internal processes and enhanced overall productivity.
- Collaborated with an energy startup to design and implement a database solution for global energy data of over 30 regions.
- Utilized Python parsing scripts to process data and built a user-friendly API using FastAPI, reducing response time by 20% for convenient client access.

Columbia Road

Apr 2022 – Sep 2022

Associate Consultant

Stockholm, Sweden

- Designed a production-ready React Native app for a large beverage company, streamlining their B2B operations.
- Enhanced B2B client interaction through the app by facilitating efficient order placement, inventory management, and product recommendations (upselling/cross-selling).
- Ensured a seamless user experience with a responsive design supporting screen sizes from 6" to 11", increasing the user base by 25%.

DTR1 Tech

Feb 2022 – Apr 2022

Frontend Developer

Stockholm, Sweden

- Implemented a React-based web application for designing and saving large-scale power grids with up to 500 components, facilitating efficient grid planning and analysis.
- Contributed significantly to completing the project within 8 sprints through effective collaboration with 7 other developers.
- Improved the app's performance by 25% using memoization and React hooks.

Projects

Park5 - Parking App | Kotlin, Google Firebase, Google Maps API, Stockholm API, Figma

- Prototyped a Kotlin-based Android app using a crowd-sourced model to locate available parking spaces in Stockholm, aiming to reduce parking search time by 80%.

Jewelry E-commerce Store | Javascript, Wix Studio, Razorpay API, Shiprocket API

- Built a user-friendly e-commerce website using Wix Studio for a jewelry store. This resulted in a 35% increase in sales over the next 6 months by integrating payment and delivery services, automating promotions, and streamlining CMS management.

Technical Skills

Languages: Typescript, JavaScript, Java, Python, C#, C, Kotlin, Go, Elixir, HTML, CSS

Technologies: React.js, Angular, Flask, Node.js, Android SDK, iOS SDK, Git, Docker, Unity, Jira, Object Oriented Programming (OOP), Functional Programming, Android Studio, Xcode, Figma

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, API, Agile Methodology, Cloud Computing, UI/UX Design, Mobile App Development, Web App Development, Version Control, Pair Programming, KPI