# Nipun Hedaoo

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## EDUCATION

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| **Concordia University** | January 2022 - December 2023 |
| Masters in Applied Computer Science, Montreal, QC Canada | CGPA - 3.5/4.3 |

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| **Savitribai Phule University** | August 2016 - November 2020 |
| Bachelors in Information Technology, Pune, India | CGPA - 8.21/10.0 |

## SKILLS

**Programming Languages**: Java, Javascript, TypeScript, SQL.
**Frameworks**: React, HTML, CSS, Redux, UX, UI, Node.js, Spring Boot, RESTful API, MySQL, NoSQL, MongoDB.
**Tools & Services**: Unix/Linux, Algorithm Design, Data Structures, Object-oriented Programming (OOP), CI/CD, Docker, Microservices, Kubernetes, Jenkins, Jest, Unit testing, Git, AWS, Cloud Computing.

## WORK EXPERIENCE

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| **Software Developer** | March 2022 - November 2023 |
| **Wetext.ai (Freelance)** | Montreal, Canada |

- Led development of **Mobile App (IOS & Android)** for a client, enabling users to book tables, place orders at restaurants.
- Implemented the **Flutter BLOC** architecture to integrate Stripe, reducing in-person payment processing time by 40%.
- Incorporated **Push Notifications** feature using **Google Firebase, Node.js,** and **Google Cloud** to provide user alerts.
- Used Providers for state-management, Integrated Google Places and Geolocation **API** for location-based services.

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| **Software Developer (Frontend)** | August 2020 - November 2021 |
| **Platos** | Chennai, India |

- Designed and developed 20+ reusable web application components utilizing **React.js** and **Redux** for the admin dashboard.
- Collaborated with cross-functional teams in a agile environment to create **REST API**, resulting in a 50% reduction in customer support requests.
- Orchestrated development of an automated system utilizing **Node.js** and **Google Cloud Platform**, achieving a 38% increase in user engagement metrics in less than 3 months of release.
- Streamlined deployment by building **CI/CD pipelines** using GitHub actions, reducing the time to deploy new features by 25%.
- Implemented user authentication for 15,000+ users using Google **Firebase** ensuring robust security measures and optimized scalability through strategic utilization of **Cloud Functions**.

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| **Software Engineer Intern** | May 2019 - July 2019 |
| **Virtusa** | Hyderabad, India |

- Created an interactive website to display valuable insights using **HTML, CSS, Python, Flask,** and visualization library.
- Preprocessed the data set of 50,000+ records to remove special characters and used Stop-words by NLTK to remove filler words.
- Trained model using LSTM algorithm to summarize meetings and used IBM cloud technology for speech-to-text conversion.

## PROJECTS

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| **Product Website with Generative AI** \| Website, Generative AI \| Code | November 2023 |

- Created an immersive AI-driven 3D product website with **React, JavaScript, ThreeJS, and OpenAI ChatGPT APIs.**
- Leveraged DALLE generative AI to create realistic images, for designing unique and dynamic T-shirt designs.
- Engineered a robust **Node.js, Express.js** backend for seamless API calls and efficient image storage.
- Employed **TailwindCSS** for utility-first CSS styling, ensuring a responsive and visually appealing design across devices.

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| **Job Portal** \| Web App \| Code | August 2023 |

- Created an **full-stack** user-friendly **web application** for job seekers, streamlining job searching and posting process.
- Leveraged **Angular** for the frontend and **Java, Spring Boot** and **MongoDB** for the back end to expedite development.
- Effectively communicated project requirements and progress in a team of 6 members and maintained **GitHub Wiki**.

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| **E-commerce Web Application** \| Web Development \| Code | November 2021 |

- Conceptualized and engineered a **full-stack** e-commerce web application using cutting-edge **JavaScript** frameworks.
- Developed **RESTful API** endpoints with **Node, Express, and MongoDB**, increasing efficient data management.
- Orchestrated integration of third-party **APIs**, like Google Maps, twilio, and Stripe with **React** to elevate the functionalities.
- Automated the deployment by establishing a robust **CI/CD** pipeline on **AWS** using **Jenkins, Docker, and Terraform**.