

# KARANDEEP BHARDWAJ

☎ (438) 924-0558  
✉ Karandeep.Karandeep@mail.concordia.ca  
📍 Montreal, Canada  
🌐 [github.com/karandeepbhardwaj](https://github.com/karandeepbhardwaj)  
🌐 [www.karandeepbhardwaj.com](http://www.karandeepbhardwaj.com)  
🌐 [in/karandeepbhardwaj](https://in/karandeepbhardwaj)

## EDUCATION & CERTIFICATIONS

**MSc in Applied Computer Science / 2019 - Present**  
Concordia University, Montreal

**Course Work** - Distributed Systems, Artificial Intelligence, Natural Language Analysis, Advanced Programming Practices, Advanced Software Architecture, Comparative Programming, Advanced Database Systems, Software Requirements Specifications, Algorithms Design and Techniques.

**BTech in Computer Science / 2013 - 2017**  
Chandigarh Engineering College, India

**AWS Solutions Architect – Associate / 2020- 2023**  
Determined ability to demonstrate the knowledge to architect and deploy secure applications on AWS Technologies, by having hands-on experience on Networking, compute, storage and database services.

**Data Analyst Nano Degree / 2020**

## CORE AREAS

Algorithms  
Full Stack Development  
AWS, Azure Cloud  
Clean Architecture  
Data Analytics  
Debugging  
Agile Methodologies  
Product Development  
Project Management  
Cloud Technologies  
Solution Architecture  
SDLC Methodologies

## TECH SKILLS

**Languages:** Java, Python, JavaScript, SQL, HTML5, CSS3  
**Frameworks:** Django, Spring (Boot, MVC), Junit  
**Libraries:** NLTK, Matplotlib, NumPy, Seaborn, Pandas  
**Tools:** AWS, Git, Docker, Tableau, S3, EC2, Route53, JIRA, VPC

## CAREER SUMMARY

Growth-focused Software Engineer with experience in agile environments and a passion for developing innovative products and solutions. Committed to excellence, adept at writing clear, reliable, testable and maintainable high-quality code. Highly adaptable, masters new systems, technologies, and paradigms intuitively.

## WORK EXPERIENCE

**Full Stack Engineer**  
Bidgala

**Sep 2020 – Dec 2020**  
Montreal, QC

- Lead the full-stack development of web pages and apps, directed the entire development lifecycle from inception to completion in team of 5 SDEs.
- Liaised with cross-functional departments to gather requirements and translate them into actual deliverables, ensured products deliver proposed benefits.
- Researched, identified, and eliminated bugs and issues, steadily optimised code and ensured products are reliable, scalable, and secure.
- Designing and implementing tailored UI and UX features to maximise usability, make products intuitive and easy to navigate, and create a seamless user journey.
- **Stack** – Python, AWS, Django, PostgreSQL, JavaScript, HTML/CSS.

### Key Project:

- Conceptualising and developing a Forum page, boosting customer engagement and enhancing visitor number by 25%.

**Graduate Teaching Assistant**  
Concordia University

**Jan 2020 – Aug 2020**  
Montreal, QC

- Aided in the development and delivery of a number of programming and web development courses, liaising closely with professors and instructors.
- Mentored and guided students, assisting with queries related to Software Engineering, providing ongoing guidance and support to facilitate continuous student development.

**Software Engineer**  
Unisys

**Jan 2017 – Aug 2018**  
Bangalore, India

- Facilitated the design, development, and implementation of complex tools and solutions, working as part of a multifunctional engineering team in a lean environment.
- Defined deliverables and developed tailored solutions, ensuring implementations support client business needs in continuously evolving business environments.
- Established the testing environment and conducted full-cycle testing to identify and resolve any performance gaps.
- Conducted detailed audits across legacy client infrastructure to create customizations for new products and ensure seamless integration.
- **Stack** – Java, Spring Boot, JavaScript, SQL, HTML/CSS.

### Key Projects:

- Designed and implemented a novel user interface for major health insurance company using Umbraco, improving reliability and increasing information finding efficiency by 60%
- Spearheaded novel authentication methods, augmenting overall security while reducing manual and time efforts by 25%.
- Orchestrated the migration of legacy ITSM to Service Now, delivering impressive benefits for client in terms of performance, costs, and availability.