

Amandeep Kaur Benipal

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Education

M.Tech in Computer Science Engineering

Punjabi University Regional Centre for IT and Management, Mohali (Punjab, India).

Publication: "A Review on various approaches for Security of data on Cloud Environment" — *International Journal of Computer Applications (0975 – 8887) Volume 117 – No. 21, May 2015*

<https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1015.9987&rep=rep1&type=pdf>

This paper presents an overview and study of cloud computing, with several security threats, security issues, currently used cloud technologies and security solutions.

B.Tech in Computer Science Engineering

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib (Punjab, India).

Coursework: Database Management System, Software Engineering, Research Project, Data Structures Algorithm, Object Oriented Programming, Computer Networks and Distributed System

Skills

Programming: Javascript, C#, Core Java

Web Technologies(Frontend): HTML, CSS, Angular + NgRx, Express, Node js, Web Sockets, Heroku

Databases(Backend): MongoDB, MySQL, SQL Server 2008

Work Experience

MEAN Stack Apprentice(Full Stack), Bitwise Industries, CA

July 2020 - Present

- Technologies: MongoDB, Express, Angular Framework , Node js, Typescript, Javascript, Heroku,
- Project:** E-commerce App using MEAN Stack with NgRx
- Project link:** <https://e-commerce-0.herokuapp.com/>

Web Development Intern(Unpaid), InstaHub, Philadelphia, PA March 2020 - July 202

- Designing, coding, and modifying websites from layout to function
- Tools: HTML, CSS, JavaScript

IT Field Engineer, Square Bridge Technologies, Punjab, India Oct 2018 - Oct 2019

- Providing technical assistance for NDMS Pilot project, managing telecommunication and IT equipment pertaining to NDMS Project.

Software Developer Intern, Slicksoft Technologies, Punjab,India May 2016 - Dec 2017

- Designed database schemas with complex entity relationships
- Used ASP.net with C# and MySQL as database

Projects

E-Commerce Shopping Website

- **Platform: Backend:** MongoDB, Express Server, Node js, **Frontend:** Angular Framework with NGRx, Typescript, JavaScript, **Technologies:** Github and deployed using Heroku
- **Github Link:** <https://github.com/Aman-codde/Project-Amazon-Clone>
- **Website Link:** <https://e-commerce-0.herokuapp.com/>

Clinic Management Solution

- **Platform: Frontend:** ASP.Net with C#, **Backend:** MySQL
- Developed to create patient information management, medicine stock management, medicine order generation

Restaurant Billing System

- **Platform: Frontend:** Core JAVA , **Backend:** MySQL
- It is an application to automate all the process of ordering and billing of “Department Store”. It administers its users and customers.