

GANGA SINGH

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EXPERIENCE

AMDOCS | ASSOCIATE SOFTWARE ENGINEER

JULY 2020 – Present | GURGAON, IN

- Designed and written code in C++ for the \$50 coupon off in Emergency Broadband Internet Program, initialized by the federal government to help millions of people in the COVID-19 pandemic.
- Conducted formal and informal product design reviews.
- Created and executed test plans, test cases, and Bash shell script files to automate software operations, reducing the effort and execution time by 90%.

DENTALKART | SOFTWARE ENGINEERING INTERN

MAY 2019 – JULY 2019 | NEW DELHI, IN

- Designed and developed front-end webpages for mobile applications using JavaScript, HTML, CSS, and REACT NATIVE.
- Created highly responsive mobile applications which reduced load time on servers and database by 60%.

PROJECTS

TAXI SERVICE (UBER CLONE)

- Designed and developed an android application based on ride-hailing phenomena.
- TECH STACK: JAVA, AWS, MYSQL, ANDROID STUDIO.

SMART CAMPUS APP

- Developed a social app where users can interact with each other.
- Multiple front-end pages like a telephone directory and the latest news in the campus linked with backend servers.
- TECH STACK: JAVA, AWS, MYSQL, ANDROID STUDIO.

RESEARCH

NIT HAMIRPUR | FINAL YEAR PROJECT

AUG 2019 – FEB 2020 | HAMIRPUR | IN

- Worked with **Prof. Krishan Kumar** to develop a Realtime **Hospital Management Project** which displays reports and health parameters of the patients.

EDUCATION

NIT HAMIRPUR

BTECH. IN ELECTRONICS &

COMMUNICATION ENGINEERING

AUG 2016 – JUNE 2020 | HAMIRPUR

CGPA: 7.58 / 10

DAV CPS MANDI

HIGHER SECONDARY SCHOOL

2014-2015 | MANDI

PERCENTAGE: 93.8 %

KEY SKILLS

- PROGRAMMING**

C, C++, JAVA

- FRAMEWORKS**

ANDROID STUDIO, REACT NATIVE,
GIT, LINUX, GRAPHQL, AMAZON
WEB SERVICES AND JENKINS

- FAMILIAR**

MYSQL, SHELL SCRIPTING

COURSEWORK

GRADUATE

DATA STRUCTURE AND ALGORITHMS
MICROPROCESSOR
MICROCONTROLLER
DIGITAL ELECTRONICS

PROFESSIONAL

AGILE AND SCRUM
DATABASE MANAGEMENT SYSTEM
OBJECT-ORIENTED PROGRAMMING

CERTIFICATIONS

HAM RADIO

AMAZON WEB SERVICES

ACHIEVEMENTS

- 1st Rank in the institute in Data Structure and Algorithms in GeeksforGeeks platform (2019).
- Participated in CODATHON, the Inter NIT Coding Contest.
- Being an active developer of the best team in the firm.

AWARDS

HIGHER SECONDARY SCHOOL | MANDI

- Secured 2nd Rank in the school in CBSE Board.

SECONDARY SCHOOL | MANDI

- Secured 2nd Rank in the school in CBSE Board.

CO-CURRICULAR

**mApp App Development
Marathon Participation**