# Vasu Naman Verma

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## EDUCATION

**MS Computer Science**                                                        08/2022 – 05/2024
*Texas A&M University*                                                          College Station, TX

**B.E in Electronics and Computer**                                            08/2016 – 07/2020
*Thapar Institute of Engineering and Technology*                               Patiala, Punjab, India

## SKILLS

**Languages** (C++, Java, Python, SQL, JavaScript, HTML/CSS, Ruby)  │  **Frameworks** (Django, Rails, Node.js, REST)

**Tools** (Git, Heroku, JIRA, Docker, Postgres)  │  **AWS** (S3, SES, EC2, Lamda)

## PROFESSIONAL EXPERIENCE

**Software Engineer**                                                          09/2020 – 07/2022
*Amdocs Development Centre*                                                     Gurgaon, India
- Responsible for 25% of feature creation of CRM per quarter
- Developed Logic for Payment Processing using 3rd Party Payment Processors
- Coordinated Data Gathering from the Client for 3 Iterations
- Redesigned interface for Loan creation reducing the whole process to 5 steps
- Reduced wait time of technicians by creating Appointment Booking System
- Developed APIs for Customer Case Creation and Service Inventory Details
- Database Schema Designing for new Iterations
- Creating Test Suite for the APIs to be run during every build
- Writing configuration Files for API Authentication and User Interface restrictions

**Software Engineer Intern**                                                   01/2020 – 06/2020
*OYO Rooms*                                                                     Gurgaon, India
- Designed APIs for the Invoice and Taxation Team using Ruby On Rails
- Built Menu-Driven Interface for internal users to create, save and share SQL queries and run them on Hive
- Developed Excel Parser to automate manual handling of customer on-boarding
- Designed Health Status Indicator for Services used by Invoice Team

## PROJECTS

**AudioBid**
*Python, Django, AWS S3, AWS SES, PostgreSQL, JavaScript, Git, Heroku*
- Developed a full-stack web application using Django to provide voice transcription jobs using reverse dutch auction
- Implemented dynamic pricing, increasing price of jobs every 24hrs, to engage more workers
- Integrated Native Login/Sign Up, Google OAuth and Forgot Password
- Creators can upload audio from laptop, or record in browser, or provide Google Drive Link
- Workers can claim jobs from available jobs pool and get payed after the job is reviewed by creator
- Developed Chat system to enable discussion between creators and workers

**Smart Air Purifier**
*C++, Arduino, AWS IOT, HTML/CSS, JavaScript, P5.js*
- Designed an budget friendly smart air purifier controlled using Web App
- Integrated Dust, Temperature and Humidity Sensors
- Switches ON automatically if the dust density is above a certain limit
- Uses HEPA H13 grade filter along with the Activated Carbon Filter to efficiently clean the indoor air

## HONORS, AWARDS & EXTRA CURRICULAR ACTIVITIES

- Merit scholarship awarded by college throughout undergraduation for being in top 5%.
- Volunteered in the 'Sanskriti ke sath Prakarti' - an initiative of the NGO Sanskriti ke Sarthi for planting trees in the community.