

# Divyansh Gupta

+91-8800994938 | [divyanshg1998@gmail.com](mailto:divyanshg1998@gmail.com) | Hyderabad, India | LinkedIn: 

## Experiences:

- **Associate SDE | PureSoftware, Noida** (Oct 23 – Mar 24)
  - Game Development for online and land-based gambling games.
  - Worked on RTP (Return to Player) algorithms and the probability associated.
  - Added features: Limit the amount and number of times a player can bet. Tilts(interruptions) for printer and bill validator. Solved the present issues of the game.
  - Technology: C++, Git.
- **Software Development Engineer(SDE) | Amazon, Hyderabad** (Jan 22 – Mar 23)
  - Project Akita: Built customer-facing, extensible, and scalable APIs and services for Amazon Prime loyalty customers using in-house Amazon proprietary framework.
  - Engineered APIs and Services such as FraudService, CloudCatalogService, Enroll Customer, Withdraw Customer, Review Customer, GetBrandPromo, GetCustomerPerks etc.
  - Worked backwards using customer requirements, onboarded multiple clients and met all the success criteria.
  - Improved operational efficiency by reducing the On-call ticket quota by 20 per cent. Identified and addressed recurring issues like pipeline blockages and auto-creation of Promos.
  - Successfully resolved Severity-2 issues related to deployment, business requirements, and operations.
  - Technology: Java, ARest, Springboot, AWS, C++, React, Git, Guice, Postman Coral, DynamoDB, NAWS etc.
- **Software Engineer | Siemens EDA (Mentor Graphics), Noida** (Jul 21 – Dec 21)
  - Executed software verification for diverse digital chip designs using emulators for key customers, including Qualcomm and Marvel.
  - Contributed to the development of FPGA-based product, VPS, dedicated to semiconductor verification in Electronic Design Automation (EDA).
  - Technology: C++, Verilog, Linux.

## Technical Skills:

- Algorithms on Data Structures.
- Languages: Java, C++, Python.
- OOP(Object-oriented Programming), AWS, ARest, Git, JavaScript, Sql, Microservices, CI/CD pipelines, React, SDLC(Software Development Life Cycle), C, GCC, HTML, CSS, Agile.
- Platforms: Windows, Linux, MacOS.

## Academic Qualifications:

- **Netaji Subhas Institute Of Technology (NSIT(NSUT)) | Delhi University**  
Bachelor of Technology (B.Tech.), Electronics and Communication (E.C.E)  
Marks – 77% (2017-21)

## Trainings and Others:

- Intern at Pep Coding Education Private Limited as Teaching Assistant. Mentoring students on Algorithms and Data Structures. (1st June '20 – 31st July '20)
- Completed course of "Algorithms on Data Structures" from Pep Coding Education Private Limited, New Delhi.
- Project Completed "Sudoku Solver" in Java/C++: Solved the real time Sudoku problem in minimum time complexity and space complexity by optimizing the solution.
- Minor Project done on Ansys HFSS, "Simulation of Built-in Low-profile Antenna for Digital TV Reception".
- Presented a research report on "The Challenges of Higher Education in India: A Report on N.S.I.T, A Technical Education Institute" for the HACKEAM-2017 Conference at NSIT under the guidance of Prof. O. P. Thakur, HOD, Department of Physics and Prof. Shampa Chakraverty, HOD of Computer Science.