

Shreyas Nimishe

Software Development Engineer

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Passionate Engineer working in the reporting team of Goldman Sachs. Looking for opportunities in **software engineering** roles with strong algorithmic requirements and low-latency systems.



Skills

Databases: SQL, MongoDB, OrientDB

Languages: C, C++, Java, Python, BASH, Javascript

Others: Django, React, Xpath



Work History

Jun 2018 - **Goldman Sachs**

Current

Analyst, Bangalore, Karnataka

- Assisted in **reporting function** of GS by building systems to refine/remodel data. Worked on micro-services architecture, created **REST API's** and used multiple **databases** including **OrientDB, Sybase IQ**.

Jan 2018 - **Paytm**

May 2018

Software Development Engineer Intern, Noida, Uttar Pradesh

- Created **custom rate limiting algorithm** as per business requirements. Reduced failure rate by 37% for critical API's.

Apr 2017 - **Amazon India**

Jun 2017

Software Development Engineer Intern, Hyderabad, Telangana

- Optimized systems response time and reliability by adding **automated UI** and **performance tests**.

Dec 2015 - **TextNook**

Jan 2016

Software Development Intern, Bangalore, Karnataka

- Wrote **Web Crawlers** using **Xpath** queries & **BFS** Algorithm.
- Built **text classifier** using **Machine Learning** to classify books into pre-existing categories which achieved **95.3%** accuracy upon

cross validation.



Education

- Jul 2013 - **5 Yr Integrated M.Tech in Mathematics & Computing**
Apr 2018 *IIT (ISM) Dhanbad - 7.89/10 OGPA*
- Jul 2011 - **High School Diploma**
Apr 2013 *Jupiter Junior Science College Nagpur - 74.5%*
- Jul 2008 - **Secondary School Certificate: Science**
Apr 2011 *NNEERI Modern School Nagpur - 9.8/10 CGPA*



Projects

Link: github.com/shreyas-nimishe

- Created a **Linux Desktop Application** to display live notifications/news.
- Built a **Handwritten Digit Recognition** model with accuracy of 96.8% on 28*28 images using MNIST data. Also built models for other machine learning problems including **Titanic Survivor** Problem and **Bank Credit Rating**.
- Created a portfolio website using **Django** framework and **postgresql**.



Accomplishments

- Rated **Expert** on **CodeForces** with rating **1678**.
- Stood **3rd** in ODE DE CODE 2.0, An **Algorithmic Contest** Organized by **ACM** Student Chapter.
- Published a **research paper** on propagation of Love-type wave in monoclinic layer, overlying an initially stressed transversely isotropic half-space using **advanced differential equations**
- Solved > **450** Problems on SPOJ. World Rank **~500**