

Naman Shah

[linkedin.com/in/namanshah01/](https://www.linkedin.com/in/namanshah01/) | +1 (248) 795-3003 | namanashish.shah@stonybrook.edu | github.com/namanshah01

EDUCATION

Stony Brook University

Aug 2023 - May 2025 (Expected)

Master of Science in Computer Science

CGPA: 4/4

Coursework: Analysis of Algorithms, Discrete Math, Data Science Fundamentals

University of Mumbai

Aug 2019 - May 2023

Bachelor of Technology in Information Technology

CGPA: 8.78/10

Coursework: Advanced Databases, Operating Systems, Cloud Computing, Machine Learning, Deep Learning

Achievements: Smart India Hackathon 2022 Finalist, Amrita InCTF 2021 Finalist, CSI Enigma 2020 Winner

TECHNICAL SKILLS

Languages and Databases

Python, C, C++, C#, JavaScript, Go, MS SQL Server, MySQL, MongoDB

Libraries and Frameworks

NumPy, Pandas, Tensorflow, Django, DRF, Flask, .NET, Node, React, Angular

Tools

AWS, Docker, Linux, Shell, Git, BitBucket, Terraform, JIRA, Confluence

WORK EXPERIENCE

Barclays

Pune, India

Graduate Intern - C#, .NET, Entity Framework, Python, MS SQL Server, AngularJs, LINQ Jun 2022 - Aug 2022

- Architected features for risk evaluation component of a robust credit sanctioning application in an Agile working environment while coordinating with a cross-functional team of professionals
- Designed a complex database architecture to integrate an approval workflow, built Python scripts to automate database population of 800+ approval scenarios in MS SQL Server, reducing hours of manual work
- Developed a comprehensive pipeline using C#, .NET, Entity Framework and stored procedure calls for efficient data processing, further integrated with custom made AngularJs application UI via APIs

Prixled Tech

Mumbai, India

Backend Developer Intern - Django Rest, AWS (EC2, RDS, S3, Route 53), PostgreSQL Sep 2021 - Nov 2021

- Planned and delivered complex logic implementations using Django Rest Framework, prioritizing features based on client requirements
- Set up servers on EC2, RDS, S3, also configured Nginx server with reverse proxy and DNS through Route 53
- Launched final beta release of application, migrating deployment from Heroku testing environment to AWS servers, resulting in a 67% reduction in response times

Mentofy

Mumbai, India

Full Stack Developer Intern - Django, MySQL, ReactJs, AJAX Apr 2021 - May 2021

- Finalized execution model for a new website, developed frontend using ReactJS, and leveraged Django backend to automate real-time information on events page, completely eliminating manual updates
- Implemented AJAX powered search suggestions, elevating app usage by 80% via improved event archive access

POSITIONS OF RESPONSIBILITY

CSE 416 Software Development

Stony Brook, USA

Graduate Teaching Assistant - MERN (MongoDB, Express, React, Node), GIS Aug 2023 - Dec 2023 (Ongoing)

- Collaborate with instructor to produce assignments focused on web technologies, along with supervising student projects and conducting instructive sessions for class of 60

KJSCE CodeCell (CodeChef Campus Chapter)

Mumbai, India

Technical Team Member - Teamwork, Leadership, Interpersonal Skills May 2020 - Jun 2021

- Crafted problems and scripts to evaluate test cases for over 170 participants in competitive programming contests
- Led multiple workshops and leveraged managerial skills to organize a 24 hour hackathon with 200+ participants

PROJECTS

WebDACE - PyTorch, RAKE-NLTK, LDA, Neo4j AuraDb, BeautifulSoup

- Devised multi-model app for detailed analysis of obscure URLs from text content with semantic search capability
- Trained LDA domain classifier with 82% accuracy and keyphrase extraction algorithm over 120k training data
- Generated information graphs using Neo4j and linked similar URLs through topic associations across web pages

QBaG (Smart India Hackathon 2022) - Django Rest, JWT, PostgreSQL, ReactJs

- Formulated a crowdsourcing model for exams with an automated voting system through Django and ReactJs
- Integrated SBERT model automating detection of semantically similar questions, reducing database redundancy

MTASE - PyTorch, TF-IDF, LSA, RAKE, SQLite

- Created tool with generating abstractive, extractive summaries and keyword identification for multilingual text
- Utilized TF-IDF and LSA algorithm to publish analysis of over 17000 Dark Web Services in Microsoft Journal