NISARG GOGATE

**Software Engineer**

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# SKILLS

 **Programming Languages: C++**, Java, Python, TypeScript.

 **Databases: SQL**, MongoDB, Postgres, Redis, Stored Procedures.

 **Technologies: Spring Boo**t, Node.js, React, Angular, Kafka, Spark.

 **Cloud:** AWS.

 **DevOps:** Docker, Kubernetes, Pipeline Orchestration.

# WORK EXPERIENCE

### Bank Of New York May 2023 - Present

Full Stack Engineer - II

 Spearheaded the development of Policy Compliance System, revolutionising oversight for **100,000+ employees**.

 **Led** downstream migration with new contracts via **SFTP**, bringing down our incident count by **over 70%**.

 Engineered annual review system, **reducing** employee permissions review time from **3 months** to **under 1 week.**

 Enhanced job scheduling for 25+ tasks, saving developers time developers and accelerating issue resolution.

### Amazon Jun 2022 - Feb 2023

Software Development Engineer

 Assisted Amazon's Customer Analytics Team in targeting customers, managing 100+ jobs and 1TB+ data daily.  Developed a proprietary data pipeline to make 50TB of customer-data policy compliant in **Apache Spark**.

 Proposed and utilised an existing tool for client onboarding, resulting in **50% reduction** in Onboarding Time.

### Interview Deck Sep 2021 - Jun 2022

CEO - Backend Engineer

 **Led** a team of four to build a mock interview platform in **three months** with over **100 successful** interviews.  Developed backend with authentication and authorization, employing **Redis** for authorization workflows.

 Created CD pipeline continuously deploying latest **docker** image to **EC2**.

 Integrated Razorpay for **real-time payments** and added an **SSL** certificate for imporved site security. Web site: https://interviewdeck.in

# EDUCATION

### National Institute of Technology, Nagpur May 2018 - May 2022

B.Tech Computer Science 7.9/10

# RELEVANT PROJECTS

### Sampark May 2024 - Present

*Scalable chat Application*

 Designed and built a chat application which can be scaled to handle **100,000** simultaneous chat sessions.

 Implemented fault-tolerant architecture with queues and sockets for real-time communication and NoSQL DB. Link: Github

### Kontest Reminder May 2021 - Mar 2022

*Cross-platform Extension Download Link: Chrome, Firefox, Edge * Engineered and deployed a user-friendly dashboard for programming contests, with **2000+ daily active users**.  Imporved user experience with personalised features including local storage, reminders, and google calendar.

Link: Github

# ACHIEVEMENTS

**India Finalist** (Top 10) in Hackathon CodeStreet21' by American Express. Oct 2021 Secured **TOP 200 rank** globally multiple times on Code chef.

Secured **Rank 1** in Axis insomnia hackathon by making a tweet verifying bot. Apr 2021

**1st Runner-up** in All-India InterNIT Volleyball tournament. Feb 2019

Achieved **99.4 percentile** in the JEE Mains examination. May 2018

N I S A R G

G O G A T E

#### VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY

Software Engineer

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## SKILLS

EXPERIENCE

- 2.5 + years

 **Programming Languages: C++**, Python, TypeScript, Java.

 **Databases:** SQL, MongoDB, Postgres, Redis, Stored

Procedures.

 **Technologies:** Spring Boot,

Node.js, React, Angular, **Kafka**.

 **Cloud:** AWS.

 **DevOps**: Docker, Kubernetes, Pipeline Orchestration.

## PROJECT

### Sampark

*Scalable chat Application*

Jan 2024 - Present

 Designed and built a chat

application which can be scaled to handle **100,000** simultaneous chat sessions

#### Key Features:

 Read-Write Separation.  Kafka Integration.

 Combination of SQL and NoSQL database.

 Socket Communication.

Link: Github

### Kontest Reminder

*Cross-platform Extension*

May 2021 - Mar 2022

 Engineered and deployed a user- friendly dashboard for

programming contests, with

**2000+** daily active users.

#### Key Features:

 Google Calendar Integration.  Custom Reminders to auto-

open contest page.

 Used React**,** NoSQL.

Download Link: Chrome, Firefox, Edge.

### Bank Of New York Mellon May 2023 - Present

Associate Full Stack Engineer - II

 Spearheaded the development of a **cutting-edge Policy Compliance**

**Management System**, revolutionising oversight for 65,000+ active Full- Time Employees and contractors.

 Acted as **primary liaison** for business inquiries, swiftly deploying code and managing day-to-day operations.

 Established end-to-end **CI/CD** pipeline for seamless production deployment.

### Amazon Jun 2022 - Feb 2023

Software Development Engineer

 Worked with Amazon's customer data analytics team. Helped Amazon target potential customers.

 Built a proprietary data pipeline to make 50TB of customer-data policy compliant in **Apache Spark**.

 Proposed and utilised an existing tool for client onboarding, Resulting in

**50% reduction** in Onboarding Time.

### Interview Deck Sep 2021 - June 2022

CEO - Backend Engineer

 Built backend with authentication and authorisation, utilised **Redis**

extensively in authorisation workflow and for caching.

 Created CD pipeline continuously deploying latest **docker** image to **EC2**.

 Integrated real-time payment solution and added **SSL** certificate to the site to keep it secure.

Web site: https://interviewdeck.in

## EDUCATION

### National Institute of Technology, Nagpur May 2018 - 2022

B.Tech Computer Science 7.9/10

## ACHIEVEMENTS

 **India Finalist** (Top 10) in Hackathon CodeStreet21' by American Express. (Oct 2021)

 Secured **TOP 200 rank** globally multiple times on Codechef.

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N I S A R G

G O G A T E

### Co m p u te r Sc i e n c e E n g i n e e r

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github.com/nisarg0

# E X P E R I E N C E

#### Orgpro Software Limited 05/2021 - 06/2021

Summer Intern (SDE)

 Worked on vault auto-filling username and

password on selected government sites using chrome extension and **MySQL**.

 R&D on GSPs’ and implemented GST returns filing status using APIs by Master GST.

 Working on AWS S3-edit feature (document

editor and viewer) using FileStash deployed on Linode Ubuntu server.

# P R O J E C T S

#### Kontest Reminder (Chrome Extension) 05/2021 - 06/2021

 Dashboard for upcoming and ongoing CP contests deployed in chrome store with **100+ users** is 10

days.

 Sites supported for now are codeforces, codechef, at coder, hacker rank and many more.

 **Technology Used:** JS, HTML, bootstrap, **local forage** (Indexed DB), **APIs** by **google chrome**.

Source Code:

https://github.com/nisarg0/Kontest-Reminder. Project Link:

https://chrome.google.com/webstore/detail/konte st-reminder/imdlnagpdjhelkapllclmdogjobpoihg

#### Volleyball Blogs

**05/2020 - 06/2020**

 Serverless blogging website where user can write, comment and make a profile.

 Angular Forms, Services and routes are used to implement basic functionalities

 Technology Used: Frontend: **Angular**, TypeScript (Basic), Google Firebase, firestore.

Source Code:

https://github.com/nisarg0/Volleyball-Blogs Project Link:

https://network-30284.web.app/

# E D U C A T I O N

#### B.Tech

Visvesvaraya National Institute of Technology

2018 - Present 7.56/10

#### 12th

Shri Shivaji Science College

Grad. 2018 87.38%

#### 10th

St. Anne's Public School

Grad. 2016 93.80%

# S K I L L S

 **Programming Languages:** C, C++(oops), Python(basic), JavaScript.

 **Website Designing:** Angular(basic).

 **Database Management:** MongoDB, Firebase, MySQL, AWS (S3).

 **Backend:** NodeJS, Express.

# A C H I E V E N T S

 Bagged Rank 333 of 6000+ students in CodeChef Lunch-time. (09/2020)

 Bagged Rank 92 of 7000+ students in CodeChef Cook-off (12/2020)

 Secured Rank 4 among 200 top coders in Nagur at Winter Coding Challenge AXIS. (01/2021)

 Bagged AIR 6315 among 11.5lakh candidates in JEE MAINS. (04/2018)

 1st Runner-up in All-India InterNIT Volleyball tournamnet (02/2019)

# C O D I N G P R O F I L E S

 Codechef: nisarg0 4 star (1846)

 HackerRank: nisarg\_coder 5 star

(Problem Solving)

 Codeforces: nisarg\_0 Pupil (1352)

Solved **500+** problems on

GFG/Codeforces/Leetcode/Codechef.