

## WORK EXPERIENCE

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<b>Software Engineer</b>	<b>Navigus</b>	<b>Sep 2017 - Present</b>
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*Full Stack*

- Developed and deployed scalable, robust REST APIs and Middleware in production for Navigus Products like **Auriga**(Online Mentorship platform), **Orion**(career recommendation and guidance engine) and **Argo**(SAAS cloud-based CRM for Education consultancies).
- Designed efficient data models to handle a large amount of data using databases like **MySQL** and **MongoDB**.
- Implemented & deployed **Elastic-search** from scratch to improve search performance from *1.5 - 2 seconds* to less than *300 milliseconds*.
- Built **SSO**(Single-Sign-On) with Multi-Factor authentication system, enabling a user to access all the products/apps using one set of credentials and improving onboarding by *30%*.
- End-to-end front-end development for consumer products which supports complex data, extensive forms, async events and dynamic UI components.
- Lead and mentored a team of three engineers and two interns.

<b>Software Engineering Intern</b>	<b>Navigus</b>	<b>June 2017 – Aug 2017</b>
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- Built generic, multi-threaded, efficient web crawlers using **Python** and **Selenium** framework to crawl data of millions of products from e-commerce websites in less than 24hrs.
- Deployed web-crawlers on AWS EC2 which can cycle IP addresses and user agents while crawling data.
- Developed Python scripts for data manipulation and automated performance report generation.

<b>Software Development Intern</b>	<b>National Informatics Centre</b>	<b>May 2016 – July 2016</b>
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- Worked with Dev team to build cross-platform mobile apps for Food and Civil Supplies Dept. of Uttar Pradesh Government to reduce paper-work and discrepancy rate by 68%.
- Developed RESTful web-services using Jersey and Gson Frameworks to deliver data 30% faster to the devices having a poor network.

## EDUCATION

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<b>Dehradun, India</b>	<b>DIT University</b>	<b>2013 – 2017</b>
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- BTech(Bachelors of Technology), Computer Science & Engineering. CGPA - 8.4/10
- Undergraduate Coursework: Data Structures & Algorithms; Operating Systems; Databases; Programming Languages; Software Engineering; Web Development.

<b>Lucknow, India</b>	<b>City Montessori School</b>	<b>2011 – 2012</b>
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- Intermediate with Science & Computers, ISC Board – 91.25%

## SKILLS

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- **Programming:** Python, Java, JavaScript
  - **Databases:** MySQL, MongoDB, Redis, Neo4J
  - **Technologies:** Django Rest Framework, Angular, ReactJS, AWS, NginX, RabbitMQ, Celery, Elastic-Search
  - **Operating Systems:** Linux(Ubuntu), MacOS

## PROJECTS AND ACHIEVEMENTS

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- **Microsoft Student Partner(MSP):** Selected among India's top 500 MSPs and represented Microsoft at my college campus, host technical events, gave demos of Azure, SQL Server & DreamSpark.
  - **Secure Cloud:** Developed a cloud storage environment as my graduation project using hybrid security model consisting of advanced encryption & cryptography techniques to prevent data theft in public cloud.