

# Abhishek Goudar

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Graduate Data Science student with 5+ years of experience in software development and design. Seeking internship opportunities to elevate my skills and help organisations achieve desired outcome.

## Experience

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### • Software Development Engineer 3/Technical Lead

Oct 2021-May 2023

*Voiro, India*

- Spearheaded the establishment of rigorous developer practices, leading to a 30% reduction in production incidents and a 20% improvement in system reliability.
- Led organization-wide projects, prioritizing scalability and ad-server integration, driving successful outcomes.
- Developed software solutions for optimized revenue generation for over the top (OTT) players.
- Trained and guided software engineers, fostering team growth and skill enhancement.
- Designed and implemented a multilayered, multi-tenant notification system with ultra-low latency, achieving 50% reduction in message delivery time.

### • Software Engineer

Feb 2019-Oct 2021

*Voiro, India*

- Orchestrated caching systems using Redis and Celery, enabling 30% faster data retrieval.
- Managed AWS EC2, S3 deployments and optimized AWS Athena queries.
- Leveraged Docker to containerize microservices, achieving 35% scalability boost and superior load balancing.
- Engineered recommendation engines for streamlined inventory management, yielding substantial financial gains.
- Upgraded product to Python 3 backend stack, enhancing performance and functionality.

### • Software Engineer

Feb 2018-Feb 2019

*Traveller, India*

- Implemented chatbots utilizing natural language processing, boosting user engagement by 20%.
- Programmed web application to automate servicing process of automobile service station using Django & Angular.
- Implemented Scrum and agile methodologies, fostering weekly meetups that facilitated a 15% increase in knowledge exchange.
- Designed and executed an efficient resume parser using optical character recognition, streamlining applicant info extraction for recruitment.

### • Research Intern

Jan 2017 - Oct 2017

*CSIR-National Aerospace Laboratories, India*

- Implemented traditional and adaptive algorithms for tracking maximum power point in photovoltaic arrays.
- Collected and analyzed output datasets from sensors and power generated from the photovoltaic arrays.
- Developed Matlab Simulink model demonstrating 15% improved power point tracking via particle swarm optimization.

## Technical Skills

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**Programming Languages:** Python, R, Javascript, Typescript

**Web Development:** HTML, CSS, Ajax, REST, JSON, Django, Angular

**Databases:** SQL, PostgreSQL, Neo4j, MongoDB

**Version Controls:** Git, Bitbucket

**Cache:** Redis, MemCache

**Queue:** Celery, RabbitMQ

**Devops:** Docker, Kubernetes, AWS EC2, S3, Athena, Lambda, Azure

**Data Analytics:** Pandas, Matplotlib, scikit-learn, pytorch, spaCy, tensorflow

## Education

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### • Master of Science [Data Science]

Aug 2023-Dec 2025

*University of Texas, Arlington*

### • Bachelor of Technology [Electronics and Communication Engineering]

Jul 2013-Jul 2017

*CMR Institute of Technology, Bengaluru - India*

## Volunteer Experience

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- As Student Activity Council member, coordinated IEEE technical workshops and seminars on campus.
- Organized networking events, speakers on campus, team-building activities and leadership workshops.