

# RITEEK RAJ MODI

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## EXPERIENCE

### BuySale

Jan '23 – May '23

DevOps intern

Patna, India

- Implemented a highly efficient DevOps pipeline utilizing GitLab for seamless version control.
- jenkins for continuous integration
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- Introduced new features based on customer feedback, including the addition of black masking and enhancements to existing functionalities.
- Enhanced team agility through streamlined development by introducing hardware behavior mocking, reducing device dependency for more efficient testing and debugging

### Carl Zeiss

January '21 – June '21

FullStack Intern

Bengaluru, Karnataka, India

- Coordinated with cross-functional teams to define and integrate API requirements seamlessly
- Designed IPC channels and deployed gRPC servers to reduce coupling for enhanced communication among services
- Utilized NUnit and Fluent Assertions to develop new unit tests, enhancing the overall development cycle

## EDUCATION

### Chandigarh University , Mohali, India

August '2020 – may '2024

Bachelor of Engineering in Computer Science (Cloud Computing)

Mohali, Punjab India

## PROJECTS

### VISUCORE 500 | C#, Angular | [Zeiss VISUCORE 500](#)

Jan 2021 - Current

- Enhanced ChartViewer, a visual acuity testing desktop app
- Collaborated with German team to enhance and transfer Refraction module
- Decomposed monolithic project into 3 gRPC-based services to minimize coupling

### VISUSCREEN 100/500 | C#, HTML, CSS, JS | [Zeiss VISUSCREEN 100/500](#)

June 2023 - August 2023

- Implemented a lock and release mechanism to ensure a maximum of one connection to critical communication channels, ensuring system stability
- Produced comprehensive system software integration documentation to facilitate the seamless release of software changes into the market
- Mastered end-to-end product life cycle and Agile methodologies

### FunMark | Python | [GitHub](#)

May 2020

- Developed a wrapper library for bench-marking different functions and allowing creation of graphical comparisons
- Released on PyPi package manager to be easily accessible with pip with currently over 2K downloads
- Wrote a blog on how to utilise the library efficiently - [jai-dewani.github.io/blogs/fun-mark/](https://jai-dewani.github.io/blogs/fun-mark/)

## TECHNICAL SKILLS

**Programming language:** C++ , Python, Shell

**DevOps Tools:** Docker,K8s,Terraform,Jenkins,Gitlab,Cloud Computing,Github,Prometheus,Grafana, Troubleshooting

**Other skills:** Problem solving(Data structure and algorithm), Cloud computing(AWS , AZURE), Database (SQL), Linux, Windows

## ACADEMIC ACHIEVEMENTS & EXTRA-CURRICULAR

- **Mentored and Judged over 50+ teams** in various hackathons like HackCBS 4.0, HacckOn 2.0 and DotSlash 4.0
- **Co-founded** the first technical club at IIIT-NR, organized various events, talks and hackathons to promote competitive programming and development while improve the coding environment of the Institute.
- Ranked **1127<sup>th</sup>** globally and **115<sup>th</sup>** in India in Google HashCode, out of 10724 teams
- Qualified ACM-ICPC 2020 in Kanpur(**rank 63**) and Gwalior regions
- Qualified ACM-ICPC 2019 in Kharagpur(**rank 81**) and Amritapuri(**rank 37**) regions.