

# Vishwas Puri

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## EDUCATION

**BITS Pilani** | M.Sc. Physics & B.E. (Hons.) Mechanical Dual Degree

**Aug 2018-May 2023**

**Key Courses:** Machine Learning, Object-Oriented Programming, Computer Programming, Discrete Mathematics

## TECHNICAL SKILLS

- **Server-side Development:** NodeJs (ExpressJs), Golang(gRPC), Python (Django, Flask), Serverless Framework
- **Client-side development:** Vanilla JavaScript, HTML/CSS, React.Js
- **Cloud Platform:** Amazon Web Services(AWS)

## EXPERIENCE

**Amazon, Bangalore**

**May 2022 - Jul 2022**

Software Development Engineer Intern (*E-commerce*)

- Created mock services to replicate the services of external payment processors in Java
- Wrote stress tests to simulate peak loads of 500+ TPS using internal
- Created chaos tests that simulate service failure to test service resiliency

**Multiple Private Limited(Now ICICI Direct)**

**Aug 2021 - Nov 2021**

Software Development Engineer Intern (*Fintech*)

- Created REST API for the platform using Ruby on Rail and Node.Js based on microservices architecture
- Solved user-raised issues in the UI written in React.Js
- Integrated Clevertap analytics with the web and mobile platforms

**Variety Innovation Ventures Limited, Gurgaon**

**Jun 2020 - Aug 2020**

Software Developer Intern (*Industrial Automation and IoT*)

- Implemented REST APIs for track and trace system for assembly lines using Node.Js and Express
- Successfully built prototype for a track and trace system in 2 months in a team of 3 people

## AWARDS AND COMPETITIONS

**Amazon HackOn National Runner Up | Amazon**

**Jun 2021**

- Won runner-up position among more than 1000 teams across India's top engineering colleges
- Developed an Augmented Reality(AR)-based virtual try-on application to try clothes and check sizes

**AB Inbev Maverick 2.0 Botathon Second Runner Up | Anheuser-Busch InBev**

**May 2021**

- Secured 2nd runner-up position among more than 500+ teams from top 30 colleges across India
- Created an Interactive Voice Response chatbot with multi-lingual support in 7 days

**EUvsVirus Challenge Runner Up | European Commission**

**Jun 2020**

- Pan-European Hackathon with over 9000 participants and 2000 teams organised by the European Innovation Council
- Secured the 2nd position in the Real-time Communication and Prevention challenge for building a contact tracing system

**The Resiliency Challenge Runner-up | Boston University**

**May 2020**

- The Resiliency Challenge is a 9-week virtual hackathon with 3-week sprint challenges aimed at catalysing student innovation
- Our team(CoviFight) secured the 2nd position in the second sprint of the competition

## PROJECTS

**Interactive Voice Response Chatbot with multilingual support**

- Developed a multilingual chatbot with a voice-based communication interface
- Implemented security features like IP firewall, end-to-end encryption and JWT auth for industry-level data security

**CoviFight: Machine Learning and Graph Database, COVID-19 Response**

- Lead creation of a three-tier contact tracing solution to trace and contain the COVID-19 spread
- Generated maps with hotspots for locations having virus traces. Regulated selective lockdown for virus containment
- Developed a graph-based solution (Using neo4j graph DB and Node.Js) to predict the probability of a user being infected

## POSITION OF RESPONSIBILITY

**Committee Member - Placement Unit**

- Among the 6 students selected to serve as liaison between firms and students for the placement process
- Ensured smooth management of placements despite uncertainty created due to Covid-19