# Ankit Raj

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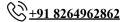
## ACADEMIC DETAILS

**BE in Computer Science** (CGPA - **7.66**)    **Chandigarh University, Mohali**

**Minor**: Web Services & Cyber Security    **August 2017 - July 2021**

**Relevant Coursework**: Design & Analysis of Algorithms, Software Engineering, Fundamentals of Data Structure, Cyber Security.

## ACADEMIC ACHIEVEMENTS

- Selected for NASA Astrobee Judging Contest and selected as **Runner-Up**.    **- 2021**
- Globally ranked **569** in Google Kickstart Round C out of 10500(top 5%) **Certificate**    **- 2020**
- Cleared HackerRank Problem Solving(Advanced) Certificate **Certificate**    **- 2020**
- Under **top 25** teams in India and selected for the Onsite contest at NIT Jaipur    **- 2018**
- **All-India Rank of 1** in Arduino based Contest.    **- 2017**
- Max CodeChef Rating **- 1700** under handle **honesthacker**

## WORK EXPERIENCE & INTERNSHIPS

**HackerEarth** (SDET)    March 2022 - Present

- **Building**, **Troubleshooting**, **Debugging** & **Upgrading** products
- **Building robust, scalable, and high–quality** test automation solutions for functional, regression and performance testing.
- **Developing code** for quality automation and ensuring extensive unit test coverage of the code.
- **Building, customizing, deploying, and managing** the environment/test automation frameworks.
- **Checking** for product **scalability**, **reliability**, **consistency**, and **performance**.
- **Manual Testing** and **Automation Testing** on the HackerEarth platform.
- **Managing** project tasks, timelines and communication..

**rtCamp** (QA Engineer)    Aug 2021 – March 2022

- **Manual Testing** and **automation testing** on WordPress Site.
- **Managing** project tasks, timelines, and communication.
- **Developed 200+ test plans and test cases**, including performance test plans and security test plans.
- **Developing** and **maintaining** test frameworks.
- **Developing** and **maintaining** test automation scripts.

**ManKiBaat Pvt. Ltd.** (Chief Technical Officer)    May 2020 – March 2021

- **Lead the development team** that created the platform for AI-driven mental pocket doctors.
- **Worked with a team of designers and developers** to build a platform to provide support to the patient having any mental issues like anxiety, or depression.
- **Provided management** oversight for the resources, budget and delivery of core technology services.
- **Developed and implemented** repeatable and reusable technology frameworks.
- **Planned and developed** next-generation technical capabilities necessary to satisfy the company's direction for email, mobile, and site data integration.

# MAJOR PROJECTS

1. **CU-Chapter Website [Link] [GitHub Link]**
   - A web app that helps users to know more about the CU-Chapter, events, apply for the job openings and download resources.
   - All implementation was done using **ReactJS**, **Tailwind CSS**, **HTML**, **CSS**, **JavaScript,**
   - Used **Rest API** for API creation of events, teams, resources, jobs module.

2. **RapidSec Website [Link]**
   - A website for a cybersecurity firm named RapidSec provides security from individual to Corporation.
   - Implemented different modules for courses, events, bookings and payment.
   - All implementation was done using **HTML**, **CSS**, and **JavaScript**.
   - Used API for payment gateway.

3. **Networking lab Website [GitHub Link]**
   - A website for the **Centre of Excellence** at **Chandigarh University**.
   - All implementation was done using **HTML**, **CSS** and **JavaScript**.

# TECHNICAL SKILLS

- **Coding Languages:** C, C++, Java, Python, Ruby
- **Web Development:** JavaScript, HTML, CSS, Bootstrap, Material CSS, jQuery, NodeJS, ReactJS, ExpressJS, Chakra UI, SCSS
- **Cloud: Familiar** with AWS, Firebase, Google Cloud
- **API:** REST API
- **Database:** MongoDB, PostgreSQL, MySQL
- **Software Testing:** Manual Testing, Automation Testing with Selenium & Jest, TestNG, Maven, Jenkins, Visual testing with BackstopJS, Codeception, Cypress, Mocha
- **Test Management Tool:** Bugzilla, Test Rail, Jira
- **CI/CD:** CircleCI, GitHub Actions
- **Environment:** Windows, Linux, Mac
- **Version Control:** Git, GitHub, GitLab
- **PaaS:** Netlify, Heroku, Postman
- **Software:** CLion, Sublime Text, VS Code, Wix, Square Space, Mobirise, Atom, Jupyter, Spyder, Ruby Mine. Data Grip, Web Storm, WordPress, MS Office, Adobe XD, Adobe Illustrator, Adobe Photoshop, Invision, Figma, MongoDB Compass, Robo 3T.

# POSITIONS OF RESPONSIBILITY

**Teaching Assistant - CGC Landran Mohali –** March 2021

- Served as a **Teaching Assistant** for the CSE students. Provided advice, and guidance and shared my experience and expertise.

**Student Mentor - Chandigarh University, Mohali –** August 2019 – July 2021

- Served as a **Student Mentor** for the CSE Department First-Year Students.

# LEADERSHIP SKILLS

- Organised 10+ Hackathons, and coding contests at Chandigarh University.
- Lead and Tech Coordinator of star event **Chandigarh University Techfest 2020, 2018**