**HEMANT SINGH MANRAL**

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# OBJECTIVE

* A curious individual with experience of working in different tech stacks, keen to explore more. Seeking an exciting and challenging position in a company where my Programming skills and knowledge can be used to the fullest along with individual growth.

# EDUCATION

* **Army Institute of Technology, Pune** *Aug 2017 -May 2021*
* Bachelor of Engineering *CGPA: 8.97/10*

# WORK EXPERIENCE

* **Full Stack Developer | Oracle Financial Services Software**  Aug 2021-present

**Tech stack: Java, JAX-RS, Spring Boot, JavaScript, knockout.js, Velocity (apache), SQL/PLSQL**

- Responsible for developing new transactions and fixing onsite issues.

- Developed Open Banking **Rest API’s** for Domestic Payment, reading corporate party Details along with integration of **SOAP/REST Web Services**.

- Developed multiple new Transactions for Liquidity Management module.

**-** Involved in **optimization of data migration** scripts of retail/corporate banking.

- Developed **PLSQL Scripts for data migration** of Retail/corporate, Third party provider’s data for Open Banking APIs.

* **Bug Bounty Hunter | Freelancer** May 2018-Dec 2019
* Secured **50+ organizations** including **Google** by reporting security vulnerability in their web/android application.

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| * **Programming Languages/Database** | * **Web Development** |
| C++, JavaScript, MySQL, MongoDB, TypeScript | React.js, Node.js, Express.js, Nest.js, Microservices |
| * **Ethical Hacking** | * **Tools** |
| Web/Android Penetration testing | Git, GitHub, SVN, Postman |

# PROJECTS(Coding\_profile, Projects)

* **fitZone | Nest.js | Microservices | Prisma**
* **Ekagrata** |**React.js, Node.js, Express.js, MongoDB, Tensorflow.js, ml5.js [**[**Live**](https://ekagrata.herokuapp.com/)**] [[Source\_code](https://github.com/manralhemant10/ekagrata)]**
* A web application which helps a student to increase his concentration or a teacher to check student level of engagement while completing the assignments.
* Oauth2.0 is used for authentication, Google classroom API is used to fetch list of assignments, Student is monitored using machine learning model (Transfer learning, Binary Classification).
* **UniJudge** |**React.js, Node.js, Google cloud’s NLP API, Cheerio [[Source\_code](https://github.com/manralhemant10/unijudge)]**
* A web application that determine the originality of project submissions on Devpost. It compiles a list of hackathon projects that a judge can use to verify whether a similar project has been done in the past by one of the same contributors.
* Cheerio is used for the scraping, and the NLP API is used to compare context of each project description and generate a similarity percentage based on the returned context and confidence.