**Prakhar Singh Sengar**

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# AREA OF INTEREST

Data Structures and Algorithms, Problem Solving, Software Development, Competitive Programming

# EDUCATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **STANDARD** | **INSTITUTE** | **BOARD** | **YEAR** | **CGPA/PERCENTAGE** |
| B.Tech (CSE) | NIT Patna | M.H.R.D | 2013-17 | 8.37 CGPA |
| Intermediate (PCM) | Pragati Vidhya, Gwalior | C.B.S.E | 2011-12 | 78.80 % |
| High School | Air Force School, Gwalior | C.B.S.E | 2009-10 | 9.8 CGPA |

**EXPERIENCE AND INTERNSHIPS**

* Application Developer at UHG **(UnitedHealth Group)** in Hyderabad. **[Jul 2017 - Present]**
* 6-month Student Internship at **SAP Labs India Pvt. Ltd.** **[Jan 2017 - June 2017]**
* Eklavya Summer Internshipin ASL Lab at **IIT Bombay.** **[May 2016 - June 2016]**

# TECHNICAL SKILLS

* Programming Languages:

**C++** (proficient), **Java** (project experience), **Python** (project experience).

* Tools:

Eclipse, Maven, DB Visualizer, Jenkins, XL Deploy, GIT, SonarQube, Fortify SCA, Rally etc.

* Spring Framework, Hibernate, Spring Data JPA and JUnit (unit testing framework).
* PL/SQL (procedural language extension to Structured Query Language).
* CI/CD using Agile Methodology.
* Data Structures and Algorithms.
* Django Web Framework.
* OpenUI5 Application Framework.

# ACHIEVEMENTS

* Secured AIR 6 in **Indian Engineering Olympiad 2016.**
* Selected for prestigious **ACM International Collegiate Programming Contest** (**ICPC)** to represent

NIT Patna at Chennai Regionals 2015**.**

* Ranked AIR 23 in NPTEL Onsite Test for certification on **Programming and Data Structures** conducted

by IIT Madras with a score of 95%.

* Awarded seven Bravo’s **(Employee Recognition)** till now for Innovations and Performance in UHG.
* Percentile >98among 17 rated contests on **HackerRank Coding Platform** [handle: prakhar\_ss].
* Specialist on **CodeForces** [handle: prakhar\_ss].

# PROJECTS

#### **Medicare as Secondary Payer (UHG Hyderabad) [Jul 2017 – Present]**

#### Ensuring the Centers for Medicare & Medicaid Services (CMS) and our clients have the most complete and accurate special status information for their Medicare Advantage members.

#### PL/SQL, JSF, Spring Framework, Hibernate, Spring Data JPA, JavaScript, Rest Services etc.

#### **SAP Omni Channel Banking (SAP Labs Pune) [Jan 2017 – June 2017]**

#### The Omni channel strategy from SAP incorporates a platform and process-orchestration capabilities that drive customer-centric interactions across multiple channels.

#### OpenUI5 Application Framework, Spring Framework, JavaScript, OData Services, etc.

## TCube (train the teacher) – an effective education initiative *(IIT Bombay)* [May 2016 – July 2016]

This software targets to train teachers of technical institutes in India to improve the teaching skills. TCube cater registration, course delivery, performance evaluation, remote center management etc.

#### Django Web Framework, Python, JavaScript etc.

**JOB RESPONSIBILITIES**

* Requirement and functional analysis of user stories.
* Designing the functionality of user stories.
* Front End, Back End and Database development.
* Writing unit test cases.
* Peer Code Review.
* Build the code using Jenkins and deploy it using XL Deploy.
* Improving the quality of code based on SonarQube results.
* Fixing security issues found by fortify static code analyzer.
* Handling service-now incident tickets issued by Business team.
* Managing the code by version controlling using GIT.

**PLACE:** Hyderabad**,** Telangana - INDIA **Prakhar Singh Sengar**