

## PROFILE...

**NABAJYOTI DASH**

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### Objective:

Contribute to the growth of the organisation leveraging my technical and management skills. Seeking to work in a creative and challenging environment with cutting edge technologies where I can boost my knowledge base and professionalism.

### Summary:

- ✓ Software developer with 1 year 2 months experience in Sapiens Global solutions.
- ✓ Hands on experience in core Java, JDBC, JavaScript, JSP, Ajax, Python, Pybrains.
- ✓ Sound knowledge in C, C++, Data Structure and RDBMS.
- ✓ Quick learner, punctual, ebullience in leading groups and management activities.
- ✓ 3 months of Client Side experience in Holon, Israel for upgrading the core version of their system.
- ✓ Comprehensive knowledge of technical design, modelling, core/platform upgradation.
- ✓ Performance tuning using tools like YourKit and AppDynamics.
- ✓ NTSE scholar, National Cyber Mathematics n Science award winner , Recipient of Junior Mathematics Olympiad(JMO), State Rank holder in matriculation exam , University topper in Computer Science(IIIT Bhubaneswar).

### Current Role:

Associate Consultant

### Technical Skills:

- Languages: Java, C, C++, Python, JavaScript, CoffeeScript
- Database: Oracle, MS-SQL
- Frameworks: Ajax, HiberNate
- Development Tools: IntelliJ, Eclipse, Pycharm, Yourkit, AppDynamics

### Educational Qualification:

Year	Degree	Institution	Major field of study
2015	B.Tech	IIIT BHUBAESWAR	Computer Science
2011	12 <sup>th</sup>	B.J.B. Junior college	Math, Physics, Chemistry, Biology
2009	10 <sup>th</sup>	Saraswata Secondary School Of Edn. & V.S.	

### Achievements:

- 15<sup>th</sup> position in 10th Board Exam conducted by BSE, ODISHA
- Recipient of NTSE Scholarship 2007 (NTSE - National Talent Search Examination) conducted by NCERT, India
- 3rd position in Odisha in NRTS Examination - 2006
- Recipient of MEDHABRUTI Scholarship 2004 conducted by Bharatiya Shikshya Parisad, Odisha
- 1st position in state level essay competition conducted by Ministry of HRD, Govt. of India
- 2nd position in debate competition conducted by Information and Public relation Dept, Govt. of Odisha
- Award winner of state level science and mathematics Olympiad – 2009
- University topper of CSE in IIIT BHUBANESWAR.

### **Projects Undertaken:**

**1.**

**Project Name:** Anadolu Sigorta IDIT implementation for Fire product

**Duration:** June 2015 to Oct 2015

**Client:** Anadolu Sigorta, Turkey

**Project Description:** Enhancement and implementation of IDIT Application according to Anadolu Business requirements.

**Role:** Developer

### **Contribution:**

- Designing and development of the technical solutions and the technical documents of the project.
- Writing programs as per IDIT guidelines and unit testing of the same for different test cases.
- Analyzing and implementing the Charges setup functionality.
- QA and post production Bug fixing
- Performance analysis of codes using YourKit

**2.**

**Project Name:** Anadolu Sigorta Core Upgrade

**Duration:** Oct 2015 to Jan 2016

**Client:** Anadolu Sigorta, Turkey

**Project Description:** Core Upgradation of existing Anadolu system codes from IDIT core 9 to 12.

**Role:** Developer

### **Contribution:**

- Analyzing the features of new core version and designing the procedure to apply those changes to the current code base.
- QA and post production Bug fixing
- Performance analysis of codes using YourKit.

3.

**Project Name:** Anadolu Sigorta IDIT implementation for Motor product

**Duration:** Feb 2016 to July 2016

**Client:** Anadolu Sigorta, Turkey

**Project Description:** Enhancement and implementation of IDIT Application according to Anadolu Business requirements.

**Role:** Developer

**Contribution:**

- Designing and development of the technical solutions and the technical documents of the project.
- Writing programs as per IDIT guidelines and unit testing of the same for different test cases.
- Analyzing and implementing the Charges setup functionality.
- Bug fixing
- Performance analysis of codes using AppDynamics.

4.

**Project Name:** Implementation of Harmony Search (HS) algorithm in java

**Duration:** Dec 2013 to Feb 2014

**Client:** Academics minor project

**Project Description:** Research and implementation of Harmony Search, a meta-heuristic algorithm to find minima and maxima. It's used in the field of Neural networks and Artificial Intelligence to overcome the limitations of the trivial methods of finding optimum.

**Role:** Developer

**Contribution:**

- Analysis and understanding of Harmony Search Algorithm.
- Implementation of the algorithm in java and testing it for calculating error percentage.

5.

**Project Name:** City temperature prediction using Neural Networks & Metaheuristic Algorithm using Python and Java

**Duration:** Dec 2014 to Mar 2015

**Client:** Academics major project

**Project Description:** Research and implementation of FLANN model for predicting the city temperature of Bhubaneswar. The model was trained by both Backpropagation and meta-heuristic optimization algorithm (Harmony Search).

**Role:** Developer

**Contribution:**

- Analysis and understanding of Backpropagation.
- Study on how to train an ANN network using meta-heuristic algorithms.
- Writing the code to implement the ANN network and train it.
- Comparing both the results and plotting various graphical presentations to show the advantage of using meta-heuristic algorithm over backpropagation.