

AMIT JAISWAL

Indian Institute of Technology, Bhubaneswar, Odisha, India -751013
School of Electrical Sciences
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OBJECTIVE

To apply my knowledge and skills for the benefit of organization I am working for.

EDUCATION

Year	Degree/Certificate	Institute/School	CGPA/%
2013-2017	B. Tech (Computer Science and Engineering) (Pursuing)	IIT Bhubaneswar	7.76/10 (up to 5 th Semester)
2011-2013	Class XII Maharashtra State Board	Sir Parashurambhau College Pune	81.17%
2010- 2011	Class X Maharashtra State Board	Shri Saraswati Bhuwan High School Aurangabad	94.91%

ACADEMIC PROJECTS

- **MIPS Assembler**

(Autumn 2015)

- Assembler in C++ that takes instructions and converts to corresponding machine code based on instruction set provided by user
- Uses regular expressions to accept a wide variety of instruction sets

Project submitted for partial fulfilment of the course Computer Architecture

- **Library Management System**

(Autumn 2015)

- User Interface in Java language that connects to the database and perform operations on the database.
- Uses database languages for database definition and database manipulation – SQL, PL/SQL
- Stored procedures, functions on query and worked on optimization of queries.

- Online notification feature added that notifies member about transaction, issue and return activity.
 - **Multiple Clients-Server Chat Application in linux**
(Spring 2015)
 - Uses Multithreading concept(pthread library) in c.
 - Any pair of clients can communicate simultaneously.
 - Server can communicate with a particular client and also can broadcast message.
 - Seminar presentation on “**Backtrack Algorithm**” under the guidance of Prof. Debi Prasad Dogra, School of Electrical Sciences, IIT Bhubaneswar.
Project submitted for partial fulfilment of the course Seminar Session.
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TECHNICAL SKILLS

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|--------------------------------|-------------------------------|
| ▪ Programming Languages | : C, C++, Java, SQL |
| ▪ Operating Systems | : Linux, Windows |
| ▪ Softwares | : Matlab, QtSpim, GNU Sim8085 |
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SCHOLASTIC ACHIEVEMENTS

- **Zonal winner of National Network Security Championship (NNSC 2015)** awarded with certificate of excellence and qualified for the national level of NNSC.
 - Qualified among the **top 5%** of the students (about 1,50,000) appeared for JEE Advanced (2013).
 - Qualified among the **top 0.9%** of the students (about 12,00,000) appeared for JEE Mains (2013)
 - Qualified among the **top 0.1%** of the students appeared for MT-CET (2013).
 - Qualified for the **national level of NSO 2010** conducted by Science Olympiad Foundation (SOF) in year 2009-2010.
 - Awarded consolation prize in **Maharashtra Talent Search Examination MTSE** (2009-2010).
 - Got Qualified in first round of online Coding Competition **TCS CodeVita Season 4** organized by TCS.
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COURSES COVERED

(Including the courses covered till the end of 5th semester)

- Operating Systems
- Computer Networks

- Soft Computing
 - Computer Architecture
 - Data Base Management Systems
 - Formal Languages and Automata Theory
 - Design and Analysis of Algorithms
 - Discrete Mathematics
 - Digital Electronics
 - Introduction to Electronics
 - Signals and Systems
 - Programming and Data Structures
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EXTRA-CURRICULAR ACTIVITIES

- Winner of General Championship Football(inter departments sport competition) IIT Bhubaneswar.
- Member of **Souls for solace** (Social service organisation of IIT Bhubaneswar)
- Participated in Food Festival IIT Bhubaneswar.
- Attended **Networking Workshop** at IIT Bhubaneswar Organised by **Cisco Certified Professionals working with Network Bulls, Gurgaon.**
- Attended workshops on '**Ethical Hacking**' by **Mohit Sahu.**
- Participates in online contests conducted by competitive programming websites like spoj, codechef, codeforces, etc.

HOBBIES

Coding, updating knowledge about new mobile phones and laptops, solving puzzles, computer games, playing football, etc.

PERSONAL DETAILS

- Date of Birth: 24-05-1996
 - Sex: Male
 - Nationality: Indian
 - Languages Known: English, Hindi and Marathi
 - Present Address: Room No 412, Mahanadi Hall of Residence, IIT Bhubaneswar, AT/PO-Argul, VIA- Jatni, DIST- Khordha, Odisha, PIN- 752050
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