

Curriculum Vitae

Personal Details

Name	Abhishek Kumar Singh
Date of Birth	21-December-1984
Sex	Male
Nationality	Indian
Communication Address	Abhishek Kumar Singh House no. 16 D Shantipuri, Motihari, East Champaran, Bihar-845401
Permanent Address	Abhishek Kumar Singh, House No. 16D, Shantipuri, Near Bapudham Railway Station, Motihari, East Champaran, Bihar-845401
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Educational Qualifications

Degree/Certificate	Institute/School, City	CPI/%	Year
B.Tech (Civil Engineering)	Indian Institute of Technology (IIT), Guwahati	8.4/10	2003-2007
Class XII-Intermediate Science (BIEC)	M. S. College, Motihari	76%	2001
Class X (BSEB)	Zila School Motihari	71%	1999

Professional Work Experience

Designation	Institution/Company, City	Year
Financial Analyst	Byte Consulting Pvt. Ltd., Bangalore	Oct. 2007 – June 2008
Associate System Engineer	IBM India Pvt. Ltd., Pune	July 2007 – Oct 2007

Research Assistant IIT DELHI

June 2008-Dec2011

Indian Police Service (IPS) MHA, Gujarat Cadre. Dec 2011- till date

Technical Proficiency

Programming Languages	C, C++, Visual Basic
Software Packages	AutoCAD, MS-Project, PRIMAVERA, MS-Office, MATLAB
Programming Skills	Object Oriented Programming (OOPs), Data Structure
Operating System	Windows XP, Vista, Fedora-Linux
Database/Server	Oracle/PL-SQL/Oracle-Apps (Software Training at IBM Pune)

Research Work Experience

Research Work	Thesis Title	Year	Institution
B.Tech Project	Time Cost Trade-off in Construction Planning and Scheduling using Non Traditional Optimization	2006-2007	IIT Guwahati

Software Development

Software Developed	Purpose	Year	Language/ Platform	Institution
NSGA-II and ACO Optimization Techniques (NSGA II : Non Dominated Sorting Genetic Algorithm –II, ACO : Ant Colony Optimization)	As a part of B.Tech research work	2006-2007	C & Fedora Linux	IIT Guwahati
Software based on MS-office Excel and MS-Project	As a part of B.Tech Project	2006-2007	Excel & MS-Project	IIT Guwahati

Corporate Job Responsibilities

Designation	Company	Job Responsibility	Software/ Platform	Year
Financial Analyst	Byte Consulting Pvt. Ltd.	Financial and Cash flow modeling and Analysis for fixed Income securities Such as ABS (Asset Backed Securities), MBS (Mortgage based Securities),CDO (Collateral debt obligation) Also performed primary And secondary market Research for Real Estate Segment for Financial Clientele Consulting	C/C++/Excel/ MS-Office/ Visual Basic/ MS-XP/Vista	Oct 2007- June 2008
Associate System Engineer	IBM India Pvt. Ltd.	Data Base management (DBMS) for customer Support as per clientele Requirement and Specification	PL-SQL/ Oracle Apps	July 2007- Oct 2007

Other Positions of Responsibility

- Active member of **Association of Civil Engineers (ACE)** at IIT Guwahati.
- Active member of **Prakriti: The Environment Society** of IIT Guwahati.
- Represented **IIT Guwahati Hockey Team** and played role of defender in the **41st Inter IIT Sports meet 2005, December 12-18, held at IIT Roorkee.**

Awards, Scholarships and Achievements

- Secured a position among top 2 % of 1,50,000 **JEE** students for admission into the **Indian Institute of Technology (IIT).**
- Recipient of **BSNL Merit Scholarship.**
- **Consistent performer** and always **among toppers** throughout **B.Tech at IIT Guwahati.**

- Secured **1st position** in solving a Transportation Engineering problem named “What’s the Shortcut” in Techniche (**National Level Technical Festival of IIT Guwahati**) in Year 2004.
- Secured **Department Rank 1** in the sixth semester (**B.Tech**) at **IIT Guwahati**.