

### Ashwini Kumar Rath

**A programming consultant, writer and entrepreneur. A postgraduate in theoretical physics having more than eight years of software development and management experience. Currently working as the Director at ADII Research & Applications (P) Limited.** Current interest lies in applications of artificial intelligence techniques and algorithms in the areas of computer security and mission-critical business solutions, and self-healing information architecture and semantic web.

[Download Profile PDF](#)

### Assignments and Responsibilities

2005 - Till Date	Director - ADII Research & Applications (P) Limited Involved in the development of multi-function information systems. Established a specialized Web hosting service with Open technologies. Engaged in providing technical consultancy to clients towards developing enterprise level software applications.
2003 - 2007	Director at Bloochip Infoline Pvt. Ltd. Project Manager at AABSyS Information Technology Private Limited from October 2000 to March 2003. Responsible for developing and maintaining several medium to large Internet portals and Intranet systems for American organizations.
2000 - 2003	Provided on-site consultancy in Switzerland for a legacy cartographic system for migration to a web based framework. Implemented an real-time data-collection system for AABSyS. Responsible for quality process regulation and resource planning for software development and data processing.
1999 - 2000	Producer and Director of PhYTooN.com, a content portal on contemporary science & technology in the year 1999 and during large part of the year 2000.
1998 - 1999	Was Web-Editor of Plasma Science Society of India Newsletter Was a Research Scholar at Institute for Plasma Research (an autonomous Institute of Department of Atomic Energy, Government of India). Completed one year of course work on Plasma Physics successfully. Worked extensively on Molecular Dynamics simulation (wrote codes in Fortran90 and C++ using object-oriented technology), and theory of Strongly Coupled Dusty Plasmas. Worked extensively on Sun Solaris, Dec Alpha, and HP machines.
1996 - 1999	

A visiting student to different Research Institutes such as TIFR (Mumbai), IUCAA (Pune), and IOP (Bhubaneswar) between 2004 and 2006.

#### Academic Qualifications

Year	Examination	Board/University
1988	High School	Balikuda High School (BSE, Orissa)
1990	Higher Secondary (Phys, Chem, Maths, Biol.)	Ravenshaw College (CHSE, Orissa)
1993	BSc (Hons.) in Physics with Distinction	Ravenshaw College (Utkal University)
1996	MSc (Physics) with specialisation in Particle Physics and Gravitation	University of Hyderabad
2000	Advanced Diploma in Software Management	TechnoCampus, Globsyn Technology, Calcutta

#### Professional Memberships

Member of IEEE Computer Society (<http://www.computer.org>) Professional Member of Association for Computing Machinery (<http://www.acm.org>) Life member of Plasma Science Society of India (<http://www.pssi.in/>) Life member of SCAAA, a leading association of amateur astronomers

#### Personal Information

Age: 33 Possess A Valid Passport Nationality: Indian Gender: Male Marital Status: Married

#### Special Interests & Language Skills

Special Interests: Astronomy, History, Mathematics Language Skills: English, Oriya, Hindi, Sanskrit

#### Further Information and References

Further information about academic and professional achievements including references can be obtained on request.

---

II Floor, 421 Saheed Nagar, Bhubaneswar 751 007, INDIA

Tel: +91 674 2542753; Fax: +91 674 2542754; Email: [ash@ashresort.com](mailto:ash@ashresort.com); Web: <http://ashresort.com>