GEROSH KUMAR V   
SHEEJA COTTAGE

S.N.PURAM NORTH

PANAVOOR P.O

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Objectives

To succeed in a challenging position in the corporate sector, where I can utilize my professional skill and knowledge for the growth of the organization and which would provide ample personal career growth.

Personal Skills

Leadership Skill, good communication skill, ability to deal with people, and Learning skill

Professional Qualifications

|  |  |  |  |
| --- | --- | --- | --- |
| Level | Specialization | Year | Name of University/Board |
| L.L.B | Law | 2015 | Kerala university  Kerala Law Academy Law college |
| M.C.A | Cartogrphy | 2007 | Associate Membership |
| B.Tech | Civil Engg. | 2006 | University of Calicut  Government Engineering College  Trissur |

Operating Systems: Windows

Software: HYPACK, EIVA, AUTOPLOTTER, Arc GIS, Auto CAD,CIVIL 3D, Work profile/ Experience

DEPUTY HYDROGRAPHER /SUPERINTENDING ENGINEER-April 2011 to   
Feb 2013



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ed additional charge of Chief Hydrographer

o attended all the official conferences in connection   
and developmental activities of Maritime Sector of

v Executing Digitization of kerala coast   
v Reservoir sedimentation survey   
v Muzaries hydrogaphic survey   
v Executted Sea plane project   
v River Survey

v Planning and Execution of Capital Dredging

v Planning and Execution of Bathymetric observations (Tide ,current ,waves etc) v QA/QC Assuring hydrographic Survey

ASSISTANT CARTOGRAPHER /EXECUTIVE ENGINEER- Feb 2007 to March 2011 &March2013 to till date

Assisted Chief Hydrographer in administrative,( e- tendering ,preparation of project   
report, assuring the QA/QC of the works) technical matters and developmental activities   
Hydrographic survey Wing. During the period I have checked digital data of   
Hydrographic Surveys, Dredging Surveys, Side Scan Sonar & Sub bottom profile   
surveys and acted as scrutiny in publishing Standard Hydrographic Survey Charts .

CARTOGRAPHIC works

v Compiling & Publishing Dredging Survey charts

v Compiling & Publishing Tentative hydrographic & topographic Survey charts v Design and estimating for various under water construction   
v Islands Reconnaissance Survey for Costal mapping, Union Territory of   
 Lakshadweep Island

v QA/QC Assuring hydrographic Survey charts

MARINE SURVEYOR/CHIEF DRAFTSMAN(ASST.ENGINEER) - Nov 2000 to   
Jan2007

Executed hydrographic surveys works of northern and southern region of Kerala using   
most modern survey equipments like Differential Global Positioning System,   
Echosounders, Side Scan Sonar, Subbottom Profiler etc. Analysis of data and chart   
preparation Acted as drawing officer and co-ordinated subordinates for the achievement   
of common goal.

v Daily Dredging Monitoring in Navigational Channel v Monitoring and positioning channel buoys

v Design and estimating for various under water construction v Executing Reservoir sedimentation survey

v Tentative hydrogaphic survey

v ExecuttedTsunami Effected Area Hydrographic and Topographic Survey v River survey

v Bathymetric observations (Tide,current, waves etc)

[J](http://www.pdfcomplete.com/cms/hppl/tabid/108/Default.aspx?r=q8b3uige22) N PORT TRUST June 1998 toOct 2000

construction of wharves (fertilizer berth), under

32 unit quarters. Maintenance of under water

,quays ,mooring buoys ,Road, Railway truck etc

Marine Survey Assistant COCHIN PORT TRUST Oct1990 toJune 1998

Supervising the Major/Minor Dredging work in Shipping channel at Cochin Port Trust, Navigational aid works like buoy laying, Channel marking , surveys related to under   
water construction etc and also undertaken land survey, Meteorological and bathymetrical data collection

v Land survey port area limit in Cochin port trust v Dredging Survey at Cochin channel

v Daily monitoring berth ,channel ,buoys; mooring buoy etc Modern Survey instrument handling

Using most modern survey equipments like Differential Global Positioning System(DGPS)GPS , TOTAL STATION ,SMARTS STATION, Echosounders, Side Scan Sonar, Sub bottom Profiler etc. Analysis of data and chart preparation and coordinated works.

Training Attended

· Attended Training on”GIS and its Applications in Hydrographic Data

modeling at Indian Institute of Information Technology Kerala on 2nd

August 2010 to12th August2010

· Attended Training on”GPS and TOTAL STATION Concepts and Applications at

Indian Institute of Surveying and Mapping , Survey of India

Hydrabadh on 11th june 2012 to 15th june 2012.

· Attended Training program in Geographic information System

(Advanced level) on 17th April to 5th May 2012 at Soil Survey Organization Trivandrum

· Attended Training on”TOTAL STATION its Applications on 15th june to 24th

june 2006at Engineering College Trivandrum

· Attended a Six weeks on job training in Cartography Processed

Navigational charts & Electronics Navigational Charts   
overview at National Hydrographic office Indian Navy   
Dehra dun

· Attended Training on Auto CAD Govt. Women’s polytechnic College

Trivandrum on 26th Dec 2007 to 24th January2008.

· Attended Training on”in Government Office Automation (M.S.Office) Internet at

Institute of Management in government Kerala

**Adv. GEROSH KUMAR V**

**B.Tech, MIS, FIE, IIT(Arb), LLB**  
**Retd. Chief Hydrographer, Govt. of Kerala**

**Contact Information**

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**Email:** achswkerala@gmail.com | vgkumartvm1969@gmail.com

**Service Portfolio**

**Consultancy Services:**

* Administrative Services
* Technical Arbitration
* Maritime Registration & Insurance
* Customs Legal Services
* Preparation of DPRs for Hydrographic, Port, and Harbour Engineering Works

**Professional Skills**

* Maritime Lawyer
* Hydrographer (30+ years)
* Cartographer
* Civil Engineer

**Professional Qualifications**

| **Qualification** | **Specialization** | **Institution / Board** |
| --- | --- | --- |
| L.L.B | Law | Kerala University, Kerala Law Academy Law College |
| LLM (2025 admission) | Maritime Law | University of Kerala |
| M.C.A | Cartography (Associate) | Institute of Surveyors |
| B.Tech | Civil Engineering | University of Calicut, Govt. Engineering College, Thrissur |
| FIE | Civil Engineering | Institution of Engineers (India) |
| MIS | Hydrography | Institute of Surveyors |
| IIT (Arb) | Technical Arbitration | Institute of Arbitration |

**Key Initiatives**

* Drafting of the **Hydrographic Bill**
* Advisor for **Kerala Inland Vessels Rules**
* Development of **Navigational Aids for Small Crafts**
* Digitization of **Kerala Coast and Lakshadweep**

**Technology and Innovation:**

* ✅ First water bodies mapping system **HYMSYS**
* ✅ **JALANETRA** – Hydrographic Web Portal
* ✅ **JALABINDHU** – AI Chatbot for Hydrography
* ✅ QR Code-Based Vessel Tracking System with Asset Register
* ✅ **THEERAM** – Mobile App for Hydrographers
* ✅ One-line Learning Platform for Hydrographic Institute

**Professional Experience**

**Chief Hydrographer / Head of Department**  
**Government of Kerala**

* Over **35 years of executive and administrative experience** in the port sector
* Led statewide hydrographic initiatives, technology integration, and legal reforms in maritime services

If you'd like this turned into a **PDF**, **editable Word document**, or want a version with a **cover letter**, just let me know.

This professional profile of Adv. Gerosh Kumar V. details his extensive background in **hydrography, civil engineering, and maritime law**. It's structured to highlight his qualifications, experience, and key accomplishments, positioning him as a multi-disciplinary expert in the maritime sector.

**Summary of Professional Profile**

The profile presents Adv. Gerosh Kumar V. as a retired Chief Hydrographer from the Government of Kerala, with a diverse professional portfolio. His expertise spans legal and technical domains, including **maritime law, technical arbitration, hydrography, and civil engineering**. He offers consultancy services for a range of projects, from administrative and legal services to technical arbitration and the preparation of Detailed Project Reports (DPRs) for hydrographic and port engineering works.

**Key Qualifications and Skills**

Adv. Kumar's profile lists a robust set of academic and professional qualifications that demonstrate his unique combination of legal and technical knowledge.

* **Legal:** He holds an **L.L.B. (Bachelor of Laws)** from Kerala University and is pursuing an **L.L.M. (Master of Laws)** in Maritime Law, showing his commitment to legal specialization in his field. This legal background enables him to provide services in maritime registration, insurance, and customs legal services.
* **Engineering and Surveying:** His foundational education is in **B.Tech Civil Engineering** from the University of Calicut. This is complemented by professional certifications like **FIE (Fellow of the Institution of Engineers)** and **MIS (Member of the Institution of Surveyors)**, which underscore his technical proficiency.
* **Hydrography and Cartography:** With **30 years of experience as a Hydrographer**, he has specialized knowledge in mapping water bodies and coastlines. His **MCA (Master of Computer Applications) in Cartography** further strengthens this expertise, highlighting his ability to create detailed charts and maps.
* **Arbitration:** He is an **IIT(Arb) (Associate of the Institute of Arbitration)**, which qualifies him for technical arbitration services, a valuable skill for resolving disputes in complex engineering and maritime projects.

**Notable Initiatives and Experience**

The profile showcases his impact through several significant initiatives and leadership roles.

* **Pioneering Projects:** He is credited with several innovative projects, including the **first water bodies mapping HYMSYS**, the **JALANETRA Hydrographic Web portal**, and the **JALABINDHU AI chatbot**. These initiatives demonstrate his forward-thinking approach and use of technology to advance hydrography.
* **Legislative and Advisory Roles:** He has been involved in drafting the **Hydrographic Bill** and advising on the **Kerala Inland Vessels Rules**, indicating his influence on policy and regulatory frameworks.
* **Leadership Positions:** His experience includes being the **Chief Hydrographer/Head of Department**for the Government of Kerala and the **Director of KIHAS (Kerala Institute of Hydrography and Advanced Studies)**. These roles highlight his administrative and executive capabilities, honed over **35 years** in the port sector.

This professional profile successfully presents Adv. Gerosh Kumar V. as a well-rounded and highly qualified professional, uniquely skilled in bridging the technical and legal aspects of the maritime industry.